

## **IC 2001-1 TO AFMAN 36-2108, ENLISTED CLASSIFICATION**

**30 April 2001**

### **★SUMMARY OF REVISIONS**

This change incorporated approved enlisted classification changes effective 30 April 2001. Specifically, it replaces attachment 1, Enlisted Change Summary and Conversion Guide (CS&CG) with the 30 April 2001 changes and provides a summary and conversion table with instructions for all AFSC changes, mergers, additions, realignments, and deletions of classification identifiers since 31 October 2000. Major changes include: establishing a new AFSC structure to identify Airborne Linguist, AFSCs 1A8X1; revising AFSCs 1C0X2, 1C3X1, 2A3X3, 3C0X1, 3C2X1, 3E0X1, 3E2X1, 3E4X1, 3E4X2, 3E5X1, and 3E8X1; changing SAT requirements for AFSCs 2A0X1A, 2A1X1, and 2A5X1D; establishing SEIs to identify special experience for PHOENIX RAVEN, Airfield Manager, and F118-100/101 engines; and revising several SEIs. Minor corrections in spelling and editing changes are also included. If a change to a specialty description is included in the CS&CG, a completely revised description is included in the revision and will replace existing specialty description. A star (★) indicates revisions from the previous edition.

**ENLISTED  
CHANGE SUMMARY AND CONVERSION GUIDE  
FOR 30 APRIL 2001**

**Introduction**

STANDARD CONVERSION INSTRUCTIONS: note number in the “Conversion Instruction Notes” column of this Change Summary and Conversion Guide refers to the standard instructions listed below. Notes are used singly or in combination to cover conversion instructions. However, written specific instructions may be added or substituted when a change requires special clarification.

**NOTE      INSTRUCTION**

<b>1.</b>	Code deleted from Enlisted Classification Structure.
<b>2.</b>	Code added to Enlisted Classification Structure.
<b>3.</b>	Converts directly in PDS. No further MPF action required. Report on individual person (RIP) source document provided.
<b>4.</b>	No conversion action required.
<b>5.</b>	Title change.
<b>6.</b>	See explanation of prefix in attachment 3 for award and deletion criteria.
<b>7.</b>	Review and evaluation of an individual’s qualification are required before designating SEI. Manpower and Personnel representatives, with local functional help, will review authorized AFSC positions on unit manpower document and designate SEI to appropriate positions.
<b>8.</b>	<p>Indirect conversion. Action required:</p> <p>a. Personnel. First AFSC listed under “New AFSC” column is the “pre-select AFSC” that will be automatically selected and shown in preconversion listing available to MPFs by 15 March 2001. MPFs, with the help of local functional representatives, will review and evaluate preselect preconversion to determine if (1) DAFSC/CAFSC match manpower position conversion, (2) CAFSC is at correct skill level, and (3) awarded AFSCs (P/2/3/4) are correct, according to individual’s qualification. More than one AFSC associated with this conversion may be awarded if individual qualifies based on background and experience. AFI 36-2101 applies. If review and evaluation finds preconversion preselect AFSCs are correct, MPFs will not change in PDS; if incorrect, MPFs must update PDS to reflect conversions. MPFs must prepare source documents for all AFSC indirect conversions. See <i>AFCSM Personnel Data Systems</i> 36-699, volume 1, table 5.22.</p> <p>b. Manpower. With the help of the functional manager, MAJCOM and Field Operating Agency (FOA) manpower will determine UMD changes required to effect conversion. They will reflect positions in the projected AFSC field of the manpower data system (MDS) as soon as possible after notification by HQ AFPC/DPPAC of approved indirect conversion but not later than 15 February 2001.</p> <p>c. Pipeline Personnel. Pipeline personnel already on assignment as of effective date will convert as follows: For personnel with a report not later than date (RNLTD) of 31 August 2001 or earlier, HQ AFPC/DPAA will change projected AFSC in PDS to match position to which member will be assigned. On arrival, MPF will award AFSC coinciding with the position of assignment, unless previously awarded. Assignment of personnel with RNLTD of 1 September 2001 or later, will be reevaluated by HQ AFPC/DPAA and either confirmed, canceled, or diverted, based on post-conversion requirements at the tentative gaining unit and the individual’s qualifications for the AFSC in which he or she will be shipped.</p>
<b>9.</b>	Headquarters Air Force (HAF) and BLMPs table changes required.
<b>10.</b>	Manpower table changes required.

<b>Change Summary and Conversion Guide</b> (Explanation of notes in “Conversion Instruction Notes” column is on the introduction page.)					
<b>Current AFSC</b>	<b>Current Title</b>	<b>New AFSC</b>	<b>New Title</b>	<b>Summary of Change</b>	<b>Conversion Instruction Notes</b>
Atch 2	Enlisted Classification Structure Chart	No Change	No Change	Chart is revised to add AFSCs 1A8XX, Airborne Cryptologic Linguist, to the list of Aircrew Operations AFSCs.	All: 4.
Prefix K	Aircrew Instructor	No Change	No Change	List of authorized AFSCs/CEM codes is revised to:  Delete: 1N37XX, 1N35XX, and 2A157/77.  Add: 1A851X/71X/91/00.	MPF: 1, 2, 4. AFPC: 1, 2, 9. Manpower: 1, 2, 10.
Prefix Q	Aircrew Standardization /Flight Examiner	No Change	No Change		
Prefix U	Information Operations	None	None	Prefix U is revised to add a predefined experience requirement as an alternate method of award. The list of authorized AFSCs/CEM codes is revised to add 2EXXX and 3NXXX.	MPF: 2, 6. AFPC: 2, 9. Manpower: 2, 10.
Prefix X	Aircrew	No Change	No Change	List of authorized AFSCs/CEM codes is revised to delete 1N3XXX, 2A1X1, and 2A1X7.	MPF: 1, 4. AFPC: 1, 9. Manpower: 1, 10.
SDI 8P100	Defense Attaché	No Change	No Change	The specialty qualifications are revised to add a note that allows award of the SDI with an interim Top Secret security clearance.	All: 4.
1A0X1	In-Flight Refueling	No Change	No Change	The specialty qualifications are revised to add a note that allows award of the 3-skill level with an interim Top Secret security clearance.	
1A3X1	Airborne Communications Systems	No Change	No Change		
1A6X1	Flight Attendant	No Change	No Change		

Current AFSC	Current Title	New AFSC	New Title	Summary of Change	Conversion Instruction Notes
None	None	1A800	Airborne Cryptologic Linguist, Manager	AFSCs 1A8XX are established as authorized identifiers in the enlisted classification structure to identify Airborne Cryptologic Linguists.	MPF: 2, 3. AFPC: 2, 3, 9. Manpower: 2, 3, 10.
None	None	1A891	Airborne Cryptologic Linguist, Super-intendent		
None	None	1A871	Airborne Cryptologic Linguist, Craftsman		
None	None	1A871A	Airborne Cryptologic Linguist, Craftsman, Germanic		
None	None	1A871B	Airborne Cryptologic Linguist, Craftsman, Romance		
None	None	1A871C	Airborne Cryptologic Linguist, Craftsman, Slavic		
None	None	1A871D	Airborne Cryptologic Linguist, Craftsman, Far East		
None	None	1A871E	Airborne Cryptologic Linguist, Craftsman, Mid East		
None	None	1A851	Airborne Cryptologic Linguist, Journeyman		
None	None	1A851A	Airborne Cryptologic Linguist, Journeyman, Germanic		
None	None	1A851B	Airborne Cryptologic Linguist, Journeyman, Romance		

<b>Current AFSC</b>	<b>Current Title</b>	<b>New AFSC</b>	<b>New Title</b>	<b>Summary of Change</b>	<b>Conversion Instruction Notes</b>
None	None	1A851C	Airborne Cryptologic Linguist, Journeyman, Slavic	See summary of change on previous page.	MPF: 2, 3. AFPC: 2, 3, 9. Manpower: 2, 3, 10.
None	None	1A851D	Airborne Cryptologic Linguist, Journeyman, Far East		
None	None	1A851E	Airborne Cryptologic Linguist, Journeyman, Mid East		
None	None	1A831	Airborne Cryptologic Linguist, Apprentice		
None	None	1A831A	Airborne Cryptologic Linguist, Apprentice, Germanic		
None	None	1A831B	Airborne Cryptologic Linguist, Apprentice, Romance		
None	None	1A831C	Airborne Cryptologic Linguist, Apprentice, Slavic		
None	None	1A831D	Airborne Cryptologic Linguist, Apprentice, Far East		
None	None	1A831E	Airborne Cryptologic Linguist, Apprentice, Mid East		
None	None	1A811	Airborne Cryptologic Linguist, Helper		
None	None	1A811A	Airborne Cryptologic Linguist, Helper, Germanic		

Current AFSC	Current Title	New AFSC	New Title	Summary of Change	Conversion Instruction Notes
None	None	1A811B	Airborne Cryptologic Linguist, Helper, Romance	See summary of change on previous page.	MPF: 2, 3. AFPC: 2, 3, 9. Manpower: 2, 3, 10.
None	None	1A811C	Airborne Cryptologic Linguist, Helper, Slavic		
None	None	1A811D	Airborne Cryptologic Linguist, Helper, Far East		
None	None	1A811E	Airborne Cryptologic Linguist, Helper, Mid East		
1C0X2	Operations Resource Management	No Change	No Change	Specialty description is revised to update the specialty summary, duties and responsibilities, and terminology throughout. Specialty qualifications are revised to update knowledge and experience requirements. There are no changes to entry qualifications.	All: 4.
1C3X1	Command Post	No Change	No Change	Specialty description is revised to update terminology through out the summary and duties and responsibilities. There were also minor changes to knowledge and experience requirements. Specialty qualifications are revised to allow award of the 3-skill level with an interim Top Secret.	
1N0X1	Intelligence Applications	No Change	No Change	The specialty qualifications are revised to add a note that allows award of the 3-skill level with an interim Top Secret security clearance.	
1N1X1	Imagery Analysis	No Change	No Change		
1N2X1	Signals Intelligence Productions	No Change	No Change		

Current AFSC	Current Title	New AFSC	New Title	Summary of Change	Conversion Instruction Notes
X1N200	Aircrew, Signals Intelligence, Manager	1A800	Airborne Cryptologic Linguist, Manager	See X/K/Q1N3XXX summary instructions below.	See conversion instructions for X/K/Q 1N3XXX.
X1N390	Aircrew, Cryptologic Linguist, Superintendent	1A891	Airborne Cryptologic Linguist, Superintendent		
1N3XX	Cryptologic Linguist	No Change	No Change	The specialty qualifications are revised to add a note that allows award of the 3-skill level with an interim Top Secret security clearance.	All: 4.
K1N372A	Aircrew Instructor, Romance Cryptologic Linguist, Craftsman, Spanish	K1A871B	Aircrew Instructor, Airborne Cryptologic Linguist, Craftsman, Romance	All positions and personnel in CEM X1N200 and AFSCs X1N390, K/Q/X1N3XXX performing flying duties directly convert to 1A8X1. All 1N3XX flying functions and duties and responsibilities are realigned into AFSCs 1A8X1. Entry qualifications from 1N3XX as well as aircrew qualifications are established as 1A8X1 entry qualifications. See attachment 39 for mandatory ASVAB, Strength and Physical Profile (PULHES) requirements for these AFSCs.	<b>Direct Conversion</b>  MPF: 2, 3. AFPC: 2, 3, 9. Manpower: 2, 3, 10.  <i><b>NOTE:</b></i> Approximately 841 active duty, 106 Guard and 45 Reserve Airborne linguist X1N200, X1N390, K/Q/X1N3X1, and selected T1N3X1 positions have been identified to convert to 1A8X1. <b>However, only personnel currently filling a valid flying UMD position (or a valid T prefix position supporting flying training) will convert and retain AFSC 1A8X1. (Since this is a direct conversion based on K, Q, and X prefixes, the MPF is responsible for realigning awarded AFSCs for those individuals not currently performing airborne duties.) These individuals must have the 1A8X1X withdrawn and their</b>
Q1N372A	Aircrew Standard-ization/Flight Examiner, Romance Cryptologic Linguist, Craftsman, Spanish	Q1A871B	Aircrew Standard-ization/Flight Examiner, Airborne Cryptologic Linguist, Craftsman, Romance		
X1N372A	Aircrew, Romance Cryptologic Linguist, Craftsman, Spanish	1A871B	Airborne Cryptologic Linguist, Craftsman, Romance		

Current AFSC	Current Title	New AFSC	New Title	Summary of Change	Conversion Instruction Notes
K1N352A	Aircrew Instructor, Romance Cryptologic Linguist, Journeyman, Spanish	K1A851B	Aircrew Instructor, Airborne Cryptologic Linguist, Journeyman, Romance	See summary of change on previous page.	<p><b>1N3XXX reawarded.</b> Those that convert to 1A8X1 must also have their 1N3XX AFSC reawarded using the provisions of AFI 36-2101, paragraphs 3.1 and 3.2. Prefixes K and Q and all Special Experience Identifiers awarded to personnel converting will be authorized with AFSC 1A8XX. Prefix X will not be authorized with the new AFSC.</p> <p>Individuals not currently filling a valid flying position will not be eligible for the Career Enlisted Aviator Program nor Career Enlisted Flyer Incentive Pay.</p>
Q1N352A	Aircrew Standard-ization/Flight Examiner, Romance Cryptologic Linguist, Journeyman, Spanish	Q1A851B	Aircrew Standard-ization/Flight Examiner, Airborne Cryptologic Linguist, Journeyman, Romance		
X1N352A	Aircrew, Romance Cryptologic Linguist, Journeyman, Spanish	1A851B	Airborne Cryptologic Linguist, Journeyman, Romance		
X1N332A	Aircrew, Romance Cryptologic Linguist, Apprentice, Spanish	1A831B	Airborne Cryptologic Linguist, Apprentice, Romance		
X1N312A	Aircrew, Romance Cryptologic Linguist, Helper, Spanish	1A811B	Airborne Cryptologic Linguist, Helper, Romance		
K1N372B	Aircrew Instructor, Romance Cryptologic Linguist, Craftsman, Portuguese	K1A871B	Aircrew Instructor, Airborne Cryptologic Linguist, Craftsman, Romance		
Q1N372B	Aircrew Standard-ization/Flight Examiner, Romance Cryptologic Linguist, Craftsman, Portuguese	Q1A871B	Aircrew Standard-ization/Flight Examiner, Airborne Cryptologic Linguist, Craftsman, Romance		
X1N372B	Aircrew, Romance Cryptologic Linguist, Craftsman Portuguese	1A871B	Airborne Cryptologic Linguist, Craftsman, Romance		



<b>Current AFSC</b>	<b>Current Title</b>	<b>New AFSC</b>	<b>New Title</b>	<b>Summary of Change</b>	<b>Conversion Instruction Notes</b>
K1N352B	Aircrew Instructor, Romance Cryptologic Linguist, Journeyman, Portuguese	K1A851B	Aircrew Instructor, Airborne Cryptologic Linguist, Journeyman, Romance	See summary of change on previous page.	See conversion instructions on previous page.
Q1N352B	Aircrew Standard-ization/Flight Examiner, Romance Cryptologic Linguist, Journeyman, Portuguese	Q1A851B	Aircrew Standard-ization/Flight Examiner, Airborne Cryptologic Linguist, Journeyman, Romance		
X1N352B	Aircrew, Romance Cryptologic Linguist, Journeyman, Portuguese	1A851B	Airborne Cryptologic Linguist, Journeyman, Romance		
X1N332B	Aircrew, Romance Cryptologic Linguist, Apprentice, Portuguese	1A831B	Airborne Cryptologic Linguist, Apprentice, Romance		
X1N312B	Aircrew, Romance Cryptologic Linguist, Helper, Portuguese	1A811B	Airborne Cryptologic Linguist, Helper, Romance		
K1N372C	Aircrew Instructor, Romance Cryptologic Linguist, Craftsman, French	K1A871B	Aircrew Instructor, Airborne Cryptologic Linguist, Craftsman, Romance		
Q1N372C	Aircrew Standard-ization/Flight Examiner, Romance Cryptologic Linguist, Craftsman, French	Q1A871B	Aircrew Standard-ization/Flight Examiner, Airborne Cryptologic Linguist, Craftsman, Romance		
X1N372C	Aircrew, Romance Cryptologic Linguist, Craftsman, French	1A871B	Airborne Cryptologic Linguist, Craftsman, Romance		

<b>Current AFSC</b>	<b>Current Title</b>	<b>New AFSC</b>	<b>New Title</b>	<b>Summary of Change</b>	<b>Conversion Instruction Notes</b>
K1N352C	Aircrew Instructor, Romance Cryptologic Linguist, Journeyman, French	K1A851B	Aircrew Instructor, Airborne Cryptologic Linguist, Journeyman, Romance	See summary of change on previous page.	See conversion instructions on previous page.
Q1N352C	Aircrew Standard-ization/Flight Examiner, Romance Cryptologic Linguist, Journeyman, French	Q1A851B	Aircrew Standard-ization/Flight Examiner, Airborne Cryptologic Linguist, Journeyman, Romance		
X1N352C	Aircrew, Romance Cryptologic Linguist, Journeyman, French	1A851B	Airborne Cryptologic Linguist, Journeyman, Romance		
X1N332C	Aircrew, Romance Cryptologic Linguist, Apprentice, French	1A831B	Airborne Cryptologic Linguist, Apprentice, Romance		
X1N312C	Aircrew, Romance Cryptologic Linguist, Helper, French	1A811B	Airborne Cryptologic Linguist, Helper, Romance		
K1N373A	Aircrew Instructor, Slavic Cryptologic Linguist, Craftsman, Russian	K1A871C	Aircrew Instructor, Airborne Cryptologic Linguist, Craftsman, Slavic		
Q1N373A	Aircrew Standard-ization/Flight Examiner, Slavic Cryptologic Linguist, Craftsman, Russian	Q1A871C	Aircrew Standard-ization/Flight Examiner, Airborne Cryptologic Linguist, Craftsman, Slavic		
X1N373A	Aircrew, Slavic Cryptologic Linguist, Craftsman, Russian	1A871C	Airborne Cryptologic Linguist, Craftsman, Slavic		

<b>Current AFSC</b>	<b>Current Title</b>	<b>New AFSC</b>	<b>New Title</b>	<b>Summary of Change</b>	<b>Conversion Instruction Notes</b>
K1N353A	Aircrew Instructor, Slavic Cryptologic Linguist, Journeyman, Russian	K1A851C	Aircrew Instructor, Airborne Cryptologic Linguist, Journeyman, Slavic	See summary of change on previous page.	See conversion instructions on previous page.
Q1N353A	Aircrew Standard-ization/Flight Examiner, Slavic Cryptologic Linguist, Journeyman, Russian	Q1A851C	Aircrew Standard-ization/Flight Examiner, Airborne Cryptologic Linguist, Journeyman, Slavic		
X1N353A	Aircrew, Slavic Cryptologic Linguist, Journeyman, Russian	1A851C	Airborne Cryptologic Linguist, Journeyman, Slavic		
X1N333A	Aircrew, Slavic Cryptologic Linguist, Apprentice, Russian	1A831C	Airborne Cryptologic Linguist, Apprentice, Slavic		
X1N313A	Aircrew, Slavic Cryptologic Linguist, Helper, Russian	1A811C	Airborne Cryptologic Linguist, Helper, Slavic		
K1N373B	Aircrew Instructor, Slavic Cryptologic Linguist, Craftsman, Polish	K1A871C	Aircrew Instructor, Airborne Cryptologic Linguist, Craftsman, Slavic		
Q1N373B	Aircrew Standard-ization/Flight Examiner, Slavic Cryptologic Linguist, Craftsman, Polish	Q1A871C	Aircrew Standard-ization/Flight Examiner, Airborne Cryptologic Linguist, Craftsman, Slavic		
X1N373B	Aircrew, Slavic Cryptologic Linguist, Craftsman, Polish	1A871C	Airborne Cryptologic Linguist, Craftsman, Slavic		

<b>Current AFSC</b>	<b>Current Title</b>	<b>New AFSC</b>	<b>New Title</b>	<b>Summary of Change</b>	<b>Conversion Instruction Notes</b>
K1N353B	Aircrew Instructor, Slavic Cryptologic Linguist, Journeyman, Polish	K1A851C	Airborne Cryptologic Linguist, Journeyman, Slavic	See summary of change on previous page.	See conversion instructions on previous page.
Q1N353B	Aircrew Standard-ization/Flight Examiner, Slavic Cryptologic Linguist, Journeyman, Polish	Q1A851C	Aircrew Standard-ization/Flight Examiner, Airborne Cryptologic Linguist, Journeyman, Slavic		
X1N353B	Aircrew, Slavic Cryptologic Linguist, Journeyman, Polish	1A851C	Airborne Cryptologic Linguist, Journeyman, Slavic		
X1N333B	Aircrew, Slavic Cryptologic Linguist, Apprentice, Polish	1A831C	Airborne Cryptologic Linguist, Apprentice, Slavic		
X1N313B	Aircrew, Slavic Cryptologic Linguist, Helper, Polish	1A811C	Airborne Cryptologic Linguist, Helper, Slavic		
K1N373D	Aircrew Instructor, Slavic Cryptologic Linguist, Craftsman, Serbo-Croatian	K1A871C	Aircrew Instructor, Airborne Cryptologic Linguist, Craftsman, Slavic		
Q1N373D	Aircrew Standard-ization/Flight Examiner, Slavic Cryptologic Linguist, Craftsman, Serbo-Croatian	Q1A871C	Aircrew Standard-ization/Flight Examiner, Airborne Cryptologic Linguist, Craftsman, Slavic		
X1N373D	Aircrew, Slavic Cryptologic Linguist, Craftsman, Serbo-Croatian	1A871C	Airborne Cryptologic Linguist, Craftsman, Slavic		

<b>Current AFSC</b>	<b>Current Title</b>	<b>New AFSC</b>	<b>New Title</b>	<b>Summary of Change</b>	<b>Conversion Instruction Notes</b>
K1N353D	Aircrew Instructor, Slavic Cryptologic Linguist, Journeyman, Serbo-Croatian	K1A851C	Airborne Cryptologic Linguist, Journeyman, Slavic	See summary of change on previous page.	See conversion instructions on previous page.
Q1N353D	Aircrew Standard-ization/Flight Examiner, Slavic Cryptologic Linguist, Journeyman, Serbo-Croatian	Q1A851C	Aircrew Standard-ization/Flight Examiner, Airborne Cryptologic Linguist, Journeyman, Slavic		
X1N353D	Aircrew, Slavic Cryptologic Linguist, Serbo-Croatian, Journeyman	1A851C	Airborne Cryptologic Linguist, Journeyman, Slavic		
X1N333D	Aircrew, Slavic Cryptologic Linguist, Apprentice, Serbo-Croatian	1A831C	Airborne Cryptologic Linguist, Apprentice, Slavic		
X1N313D	Aircrew, Slavic Cryptologic Linguist, Helper, Serbo-Croatian	1A811C	Airborne Cryptologic Linguist, Helper, Slavic		
K1N373M	Aircrew Instructor, Slavic Cryptologic Linguist, Craftsman, Albanian	K1A871C	Aircrew Instructor, Airborne Cryptologic Linguist, Craftsman, Slavic		
Q1N373M	Aircrew Standard-ization/Flight Examiner, Slavic Cryptologic Linguist, Craftsman, Albanian	Q1A871C	Aircrew Standard-ization/Flight Examiner, Airborne Cryptologic Linguist, Craftsman, Slavic		

<b>Current AFSC</b>	<b>Current Title</b>	<b>New AFSC</b>	<b>New Title</b>	<b>Summary of Change</b>	<b>Conversion Instruction Notes</b>
X1N373M	Aircrew, Slavic Cryptologic Linguist, Albanian, Craftsman	1A871C	Airborne Cryptologic Linguist, Craftsman, Slavic	See summary of change on previous page.	See conversion instructions on previous page.
K1N353M	Aircrew Instructor, Slavic Cryptologic Linguist, Journeyman, Albanian	K1A851C	Aircrew Instructor, Airborne Cryptologic Linguist, Journeyman, Slavic		
Q1N353M	Aircrew Standard-ization/Flight Examiner, Slavic Cryptologic Linguist, Journeyman, Albanian	Q1A851C	Aircrew Standard-ization/Flight Examiner, Airborne Cryptologic Linguist, Journeyman, Slavic		
X1N353M	Aircrew, Slavic Cryptologic Linguist, Journeyman, Albanian	1A851C	Airborne Cryptologic Linguist, Journeyman, Slavic		
X1N333M	Aircrew, Slavic Cryptologic Linguist, Apprentice, Albanian	1A831C	Airborne Cryptologic Linguist, Apprentice, Slavic		
X1N313M	Aircrew, Slavic Cryptologic Linguist, Helper, Albanian	1A811C	Airborne Cryptologic Linguist, Helper, Slavic		
K1N374A	Aircrew Instructor, Far East Cryptologic Linguist, Craftsman, Chinese (Mandarin)	K1A871D	Aircrew Instructor, Airborne Cryptologic Linguist, Craftsman, Far East		
Q1N374A	Aircrew Standard-ization/Flight Examiner, Far East Cryptologic Linguist, Craftsman, Chinese (Mandarin)	Q1A871D	Aircrew Standard-ization/Flight Examiner, Airborne Cryptologic Linguist, Craftsman, Far East		

<b>Current AFSC</b>	<b>Current Title</b>	<b>New AFSC</b>	<b>New Title</b>	<b>Summary of Change</b>	<b>Conversion Instruction Notes</b>
X1N374A	Aircrew, Far East Cryptologic Linguist, Craftsman, Chinese (Mandarin)	1A871D	Airborne Cryptologic Linguist, Craftsman, Far East	See summary of change on previous page.	See conversion instructions on previous page.
K1N354A	Aircrew Instructor, Far East Cryptologic Linguist, Journeyman, Chinese (Mandarin)	K1A851D	Aircrew Instructor, Airborne Cryptologic Linguist, Journeyman, Far East		
Q1N354A	Aircrew Standard-ization/Flight Examiner, Far East Cryptologic Linguist, Journeyman, Chinese (Mandarin)	Q1A851D	Aircrew Standard-ization/Flight Examiner, Airborne Cryptologic Linguist, Journeyman, Far East		
X1N354A	Aircrew, Far East Cryptologic Linguist, Journeyman, Chinese (Mandarin)	1A851D	Airborne Cryptologic Linguist, Journeyman, Far East		
X1N334A	Aircrew, Far East Cryptologic Linguist, Apprentice, Chinese (Mandarin)	1A831D	Airborne Cryptologic Linguist, Apprentice, Far East		
X1N314A	Aircrew, Far East Cryptologic Linguist, Helper, Chinese (Mandarin)	1A811D	Airborne Cryptologic Linguist, Helper, Far East		
K1N374B	Aircrew Instructor, Far East Cryptologic Linguist, Craftsman, Vietnamese	K1A871D	Aircrew Instructor, Airborne Cryptologic Linguist, Craftsman, Far East		

<b>Current AFSC</b>	<b>Current Title</b>	<b>New AFSC</b>	<b>New Title</b>	<b>Summary of Change</b>	<b>Conversion Instruction Notes</b>
Q1N374B	Aircrew Standard-ization/Flight Examiner, Far East Cryptologic Linguist, Craftsman, Vietnamese	Q1A871D	Aircrew Standard-ization/Flight Examiner, Airborne Cryptologic Linguist, Craftsman, Far East	See summary of change on previous page.	See conversion instructions on previous page.
X1N374B	Aircrew, Far East Cryptologic Linguist, Craftsman, Vietnamese	1A871D	Airborne Cryptologic Linguist, Craftsman, Far East		
K1N354B	Aircrew Instructor, Far East Cryptologic Linguist, Journeyman, Vietnamese	K1A851D	Aircrew Instructor, Airborne Cryptologic Linguist, Journeyman, Far East		
Q1N354B	Aircrew Standard-ization/Flight Examiner, Far East Cryptologic Linguist, Journeyman, Vietnamese	Q1A851D	Aircrew Standard-ization/Flight Examiner, Airborne Cryptologic Linguist, Journeyman, Far East		
X1N354B	Aircrew, Far East Cryptologic Linguist, Journeyman, Vietnamese	1A851D	Airborne Cryptologic Linguist, Journeyman, Far East		
X1N334B	Aircrew, Far East Cryptologic Linguist, Apprentice, Vietnamese	1A831D	Airborne Cryptologic Linguist, Craftsman, Far East		
X1N314B	Aircrew, Far East Cryptologic Linguist, Helper, Vietnamese	1A811D	Airborne Cryptologic Linguist, Helper, Far East		
K1N374C	Aircrew Instructor, Far East Cryptologic Linguist, Craftsman, Thai	K1A871D	Aircrew Instructor, Airborne Cryptologic Linguist, Craftsman, Far East		



<b>Current AFSC</b>	<b>Current Title</b>	<b>New AFSC</b>	<b>New Title</b>	<b>Summary of Change</b>	<b>Conversion Instruction Notes</b>
Q1N374C	Aircrew Standardization/Flight Examiner, Far East Cryptologic Linguist, Craftsman, Thai	Q1A871D	Aircrew Standardization/Flight Examiner, Airborne Cryptologic Linguist, Craftsman, Far East	See summary of change on previous page.	See conversion instructions on previous page.
X1N374C	Aircrew, Far East Cryptologic Linguist, Craftsman, Thai	1A871D	Airborne Cryptologic Linguist, Craftsman, Far East		
K1N354C	Aircrew Instructor, Far East Cryptologic Linguist, Journeyman, Thai	K1A851D	Aircrew Instructor, Airborne Cryptologic Linguist, Journeyman, Far East		
Q1N354C	Aircrew Standardization /Flight Examiner, Far East Cryptologic Linguist, Journeyman, Thai	Q1A851D	Aircrew Standardization /Flight Examiner, Airborne Cryptologic Linguist, Journeyman, Far East		
X1N354C	Aircrew, Far East Cryptologic Linguist, Journeyman, Thai	1A851D	Airborne Cryptologic Linguist, Journeyman, Far East		
X1N334C	Aircrew, Far East Cryptologic Linguist, Apprentice, Thai	1A831D	Airborne Cryptologic Linguist, Apprentice, Far East		
X1N314C	Aircrew, Far East Cryptologic Linguist, Helper, Thai	1A811D	Airborne Cryptologic Linguist, Helper, Far East		
K1N374D	Aircrew Instructor, Far East Cryptologic Linguist, Craftsman, Cambodian	K1A871D	Aircrew Instructor, Airborne Cryptologic Linguist, Craftsman, Far East		

<b>Current AFSC</b>	<b>Current Title</b>	<b>New AFSC</b>	<b>New Title</b>	<b>Summary of Change</b>	<b>Conversion Instruction Notes</b>
Q1N374D	Aircrew Standard-ization/Flight Examiner, Far East Cryptologic Linguist, Craftsman, Cambodian,	Q1A871D	Aircrew Standard-ization/Flight Examiner, Airborne Cryptologic Linguist, Craftsman, Far East	See summary of change on previous page.	See conversion instructions on previous page.
X1N374D	Aircrew, Far East Cryptologic Linguist, Craftsman, Cambodian	1A871D	Airborne Cryptologic Linguist, Craftsman, Far East		
K1N354D	Aircrew Instructor, Far East Cryptologic Linguist, Journeyman, Cambodian	K1A851D	Aircrew Instructor, Airborne Cryptologic Linguist, Journeyman, Far East		
Q1N354D	Aircrew Standard-ization/Flight Examiner, Far East Cryptologic Linguist, Journeyman, Cambodian	Q1A851D	Aircrew Standard-ization/Flight Examiner, Airborne Cryptologic Linguist, Journeyman, Far East		
X1N354D	Aircrew, Far East Cryptologic Linguist, Journeyman, Cambodian	1A851D	Airborne Cryptologic Linguist, Journeyman, Far East		
X1N334D	Aircrew, Far East Cryptologic Linguist, Apprentice, Cambodian	1A831D	Airborne Cryptologic Linguist, Apprentice, Far East		
X1N314D	Aircrew, Far East Cryptologic Linguist, Helper, Cambodian	1A811D	Airborne Cryptologic Linguist, Helper, Far East		
K1N374E	Aircrew Instructor, Far East Cryptologic Linguist, Craftsman, Lao	K1A871D	Aircrew Instructor, Airborne Cryptologic Linguist, Craftsman, Far East		

<b>Current AFSC</b>	<b>Current Title</b>	<b>New AFSC</b>	<b>New Title</b>	<b>Summary of Change</b>	<b>Conversion Instruction Notes</b>
Q1N374E	Aircrew Standard-ization/Flight Examiner, Far East Cryptologic Linguist, Craftsman, Lao	Q1A871D	Aircrew Standard-ization/Flight Examiner, Airborne Cryptologic Linguist, Craftsman, Far East	See summary of change on previous page.	See conversion instructions on previous page.
X1N374E	Aircrew, Far East Cryptologic Linguist, Craftsman, Lao	1A871D	Airborne Cryptologic Linguist, Craftsman, Far East		
K1N354E	Aircrew Instructor Far East Cryptologic Linguist, Journeyman, Lao	K1A851D	Aircrew Instructor, Airborne Cryptologic Linguist, Journeyman, Far East		
Q1N354E	Aircrew Standard-ization/Flight Examiner, Far East Cryptologic Linguist, Journeyman, Lao	Q1A851D	Aircrew Standard-ization/Flight Examiner, Airborne Cryptologic Linguist, Journeyman, Far East		
X1N354E	Aircrew, Far East Cryptologic Linguist, Journeyman, Lao	1A851D	Airborne Cryptologic Linguist, Journeyman, Far East		
X1N334E	Aircrew, Far East Cryptologic Linguist, Apprentice, Lao	1A831D	Airborne Cryptologic Linguist, Apprentice, Far East		
X1N314E	Aircrew, Far East Cryptologic Linguist, Helper, Lao	1A811D	Airborne Cryptologic Linguist, Helper, Far East		
K1N374G	Aircrew Instructor, Far East Cryptologic Linguist, Craftsman, Korean	K1A871D	Aircrew Instructor, Airborne Cryptologic Linguist, Craftsman, Far East		

<b>Current AFSC</b>	<b>Current Title</b>	<b>New AFSC</b>	<b>New Title</b>	<b>Summary of Change</b>	<b>Conversion Instruction Notes</b>
Q1N374G	Aircrew Standard-ization/Flight Examiner, Far East Cryptologic Linguist, Craftsman, Korean	Q1A871D	Aircrew Standard-ization/Flight Examiner, Airborne Cryptologic Linguist, Craftsman, Far East	See summary of change on previous page.	See conversion instructions on previous page.
X1N374G	Aircrew, Far East Cryptologic Linguist, Craftsman, Korean	1A871D	Airborne Cryptologic Linguist, Craftsman, Far East		
K1N354G	Aircrew Instructor, Far East Cryptologic Linguist, Journeyman, Korean	K1A851D	Aircrew Instructor, Airborne Cryptologic Linguist, Journeyman, Far East		
Q1N354G	Aircrew Standard-ization/Flight Examiner, Far East Cryptologic Linguist, Journeyman, Korean	Q1A851D	Aircrew Standard-ization/Flight Examiner, Airborne Cryptologic Linguist, Journeyman, Far East		
X1N354G	Aircrew, Far East Cryptologic Linguist, Journeyman, Korean	1A851D	Airborne Cryptologic Linguist, Journeyman, Far East		
X1N334G	Aircrew, Far East Cryptologic Linguist, Apprentice, Korean	1A831D	Airborne Cryptologic Linguist, Apprentice, Far East		
X1N314G	Aircrew, Far East Cryptologic Linguist, Helper, Korean	1A811D	Airborne Cryptologic Linguist, Helper, Far East		
K1N374J	Aircrew Instructor, Far East Cryptologic Linguist, Craftsman, Tagalog	K1A871D	Aircrew Instructor, Airborne Cryptologic Linguist, Craftsman, Far East		

<b>Current AFSC</b>	<b>Current Title</b>	<b>New AFSC</b>	<b>New Title</b>	<b>Summary of Change</b>	<b>Conversion Instruction Notes</b>
Q1N374J	Aircrew Standard-ization/Flight Examiner, Far East Cryptologic Linguist, Craftsman, Tagalog	Q1A871D	Aircrew Standard-ization/Flight Examiner, Airborne Cryptologic Linguist, Craftsman, Far East	See summary of change on previous page.	See conversion instructions on previous page.
X1N374J	Aircrew, Far East Cryptologic Linguist, Craftsman, Tagalog	1A871D	Airborne Cryptologic Linguist, Craftsman, Far East		
K1N354J	Aircrew Instructor, Far East Cryptologic Linguist, Journeyman, Tagalog,	K1A851D	Aircrew Instructor, Airborne Cryptologic Linguist, Journeyman, Far East		
Q1N354J	Aircrew Standard-ization/Flight Examiner, Far East Cryptologic Linguist, Journeyman, Tagalog	Q1A851D	Aircrew Standard-ization/Flight Examiner, Airborne Cryptologic Linguist, Journeyman, Far East		
X1N354J	Aircrew, Far East Cryptologic Linguist, Journeyman, Tagalog	1A851D	Airborne Cryptologic Linguist, Journeyman, Far East		
X1N334J	Aircrew, Far East Cryptologic Linguist, Apprentice, Tagalog	1A831D	Airborne Cryptologic Linguist, Craftsman, Far East		
X1N314J	Aircrew, Far East Cryptologic Linguist, Helper, Tagalog	1A811D	Airborne Cryptologic Linguist, Helper, Far East		
K1N375A	Aircrew Instructor, Mid East Cryptologic Linguist, Arabic, Craftsman	K1A871E	Aircrew Instructor, Airborne Cryptologic Linguist, Craftsman, Mid East		

<b>Current AFSC</b>	<b>Current Title</b>	<b>New AFSC</b>	<b>New Title</b>	<b>Summary of Change</b>	<b>Conversion Instruction Notes</b>
Q1N375A	Aircrew Standard-ization/Flight Examiner, Mid East Cryptologic Linguist, Craftsman, Arabic	Q1A871E	Aircrew Standard-ization/Flight Examiner, Airborne Cryptologic Linguist, Craftsman, Mid East	See summary of change on previous page.	See conversion instructions on previous page.
X1N375A	Aircrew, Mid East Cryptologic Linguist, Craftsman, Arabic	1A871E	Airborne Cryptologic Linguist, Craftsman, Mid East		
K1N355A	Aircrew Instructor, Mid East Cryptologic Linguist, Journeyman, Arabic	K1A851E	Aircrew Instructor, Airborne Cryptologic Linguist, Journeyman, Mid East		
Q1N355A	Aircrew Standard-ization/Flight Examiner, Mid East Cryptologic Linguist, Journeyman, Arabic	Q1A851E	Aircrew Standard-ization/Flight Examiner, Airborne Cryptologic Linguist, Journeyman, Mid East		
X1N355A	Aircrew, Mid East Cryptologic Linguist, Journeyman, Arabic	1A851E	Airborne Cryptologic Linguist, Journeyman, Mid East		
X1N335A	Aircrew, Mid East Cryptologic Linguist, Apprentice, Arabic	1A831E	Airborne Cryptologic Linguist, Apprentice, Mid East		
X1N315A	Aircrew, Mid East Cryptologic Linguist, Helper, Arabic	1A811E	Airborne Cryptologic Linguist, Helper, Mid East		
K1N375C	Aircrew Instructor, Mid East Cryptologic Linguist, Craftsman, Hebrew	K1A871E	Aircrew Instructor, Airborne Cryptologic Linguist, Craftsman, Mid East		

<b>Current AFSC</b>	<b>Current Title</b>	<b>New AFSC</b>	<b>New Title</b>	<b>Summary of Change</b>	<b>Conversion Instruction Notes</b>
Q1N375C	Aircrew Standard-ization/Flight Examiner, Mid East Cryptologic Linguist, Craftsman, Hebrew	Q1A871E	Aircrew Standard-ization/Flight Examiner, Airborne Cryptologic Linguist, Craftsman, Mid East	See summary of change on previous page.	See conversion instructions on previous page.
X1N375C	Aircrew, Mid East Cryptologic Linguist, Craftsman, Hebrew	1A871E	Airborne Cryptologic Linguist, Craftsman, Mid East		
K1N355C	Aircrew Instructor, Mid East Cryptologic Linguist, Journeyman, Hebrew	K1A851E	Aircrew Instructor, Airborne Cryptologic Linguist, Journeyman, Mid East		
Q1N355C	Aircrew Standard-ization/Flight Examiner, Mid East Cryptologic Linguist, Journeyman, Hebrew	Q1A851E	Aircrew Standard-ization/Flight Examiner, Airborne Cryptologic Linguist, Journeyman, Mid East		
X1N355C	Aircrew, Mid East Cryptologic Linguist, Journeyman, Hebrew	1A851E	Airborne Cryptologic Linguist, Journeyman, Mid East		
X1N335C	Aircrew, Mid East Cryptologic Linguist, Apprentice, Hebrew	1A831E	Airborne Cryptologic Linguist, Apprentice, Mid East		
X1N315C	Aircrew, Mid East Cryptologic Linguist, Helper, Hebrew	1A811E	Airborne Cryptologic Linguist, Helper, Mid East		

<b>Current AFSC</b>	<b>Current Title</b>	<b>New AFSC</b>	<b>New Title</b>	<b>Summary of Change</b>	<b>Conversion Instruction Notes</b>
K1N375D	Aircrew Instructor, Mid East Cryptologic Linguist, Craftsman, Persian	K1A871E	Aircrew Instructor, Airborne Cryptologic Linguist, Craftsman, Mid East	See summary of change on previous page.	See conversion instructions on previous page.
Q1N375D	Aircrew Standard-ization/Flight Examiner, Mid East Cryptologic Linguist, Craftsman, Persian	Q1A871E	Aircrew Standard-ization/Flight Examiner, Airborne Cryptologic Linguist, Craftsman, Mid East		
X1N375D	Aircrew, Mid East Cryptologic Linguist, Craftsman, Persian	1A871E	Airborne Cryptologic Linguist, Craftsman, Mid East		
K1N355D	Aircrew Instructor, Mid East Cryptologic Linguist, Journeyman, Persian	K1A851E	Aircrew Instructor, Airborne Cryptologic Linguist, Journeyman, Mid East		
Q1N355D	Aircrew Standard-ization/Flight Examiner, Mid East Cryptologic Linguist, Journeyman, Persian	Q1A851E	Aircrew Standard-ization/Flight Examiner, Airborne Cryptologic Linguist, Journeyman, Mid East		
X1N355D	Aircrew, Mid East Cryptologic Linguist, Craftsman, Journeyman	1A851E	Airborne Cryptologic Linguist, Journeyman, Mid East		
X1N335D	Aircrew, Mid East Cryptologic Linguist, Apprentice, Persian	1A831E	Airborne Cryptologic Linguist, Apprentice, Mid East		
X1N315D	Aircrew, Mid East Cryptologic Linguist, Helper, Persian	1A811E	Airborne Cryptologic Linguist, Helper, Mid East		



<b>Current AFSC</b>	<b>Current Title</b>	<b>New AFSC</b>	<b>New Title</b>	<b>Summary of Change</b>	<b>Conversion Instruction Notes</b>
K1N375G	Aircrew Instructor, Mid East Cryptologic Linguist, Craftsman, Indonesian	K1A871E	Aircrew Instructor, Airborne Cryptologic Linguist, Craftsman, Mid East	See summary of change on previous page.	See conversion instructions on previous page.
Q1N375G	Aircrew Standard-ization/Flight Examiner, Mid East Cryptologic Linguist, Craftsman, Indonesian	Q1A871E	Aircrew Standard-ization/Flight Examiner, Airborne Cryptologic Linguist, Craftsman, Mid East		
X1N375G	Aircrew, Mid East Cryptologic Linguist, Craftsman, Indonesian	1A871E	Airborne Cryptologic Linguist, Craftsman, Mid East		
K1N355G	Aircrew Instructor, Mid East Cryptologic Linguist, Journeyman, Indonesian	K1A851E	Aircrew Instructor, Airborne Cryptologic Linguist, Journeyman, Mid East		
Q1N355G	Aircrew Standard-ization/Flight Examiner, Mid East Cryptologic Linguist, Journeyman, Indonesian	Q1A851E	Aircrew Standard-ization/Flight Examiner, Airborne Cryptologic Linguist, Journeyman, Mid East		
X1N355G	Aircrew, Mid East Cryptologic Linguist, Journeyman, Indonesian	1A851E	Airborne Cryptologic Linguist, Journeyman, Mid East		
X1N335G	Aircrew, Mid East Cryptologic Linguist, Apprentice, Indonesian	1A831E	Airborne Cryptologic Linguist, Apprentice, Mid East		
X1N315G	Aircrew, Mid East Cryptologic Linguist, Helper, Indonesian	1A811E	Airborne Cryptologic Linguist, Helper, Mid East		

<b>Current AFSC</b>	<b>Current Title</b>	<b>New AFSC</b>	<b>New Title</b>	<b>Summary of Change</b>	<b>Conversion Instruction Notes</b>
K1N375H	Aircrew Instructor, Mid East Cryptologic Linguist, Craftsman, Hindi-Urdu	K1A871E	Aircrew Instructor, Airborne Cryptologic Linguist, Craftsman, Mid East	See summary of change on previous page.	See conversion instructions on previous page.
Q1N375H	Aircrew Standard-ization/Flight Examiner, Mid East Cryptologic Linguist, Craftsman, Hindi-Urdu	Q1A871E	Aircrew Standard-ization/Flight Examiner, Airborne Cryptologic Linguist, Craftsman, Mid East		
X1N375H	Aircrew, Mid East Cryptologic Linguist, Craftsman, Hindi-Urdu	1A871E	Airborne Cryptologic Linguist, Craftsman, Mid East		
K1N355H	Aircrew Instructor, Mid East Cryptologic Linguist, Journeyman, Hindi-Urdu	K1A851E	Aircrew Instructor, Airborne Cryptologic Linguist, Journeyman, Mid East		
Q1N355H	Aircrew Standard-ization/Flight Examiner, Mid East Cryptologic Linguist, Journeyman, Hindi-Urdu	Q1A851E	Aircrew Standard-ization/Flight Examiner, Airborne Cryptologic Linguist, Journeyman, Mid East		
X1N355H	Aircrew, Mid East Cryptologic Linguist, Journeyman, Hindi-Urdu	1A851E	Airborne Cryptologic Linguist, Journeyman, Mid East		
X1N335H	Aircrew, Mid East Cryptologic Linguist, Apprentice, Hindi-Urdu	1A831E	Airborne Cryptologic Linguist, Apprentice, Mid East		

Current AFSC	Current Title	New AFSC	New Title	Summary of Change	Conversion Instruction Notes
X1N315H	Aircrew, Mid East Cryptologic Linguist, Helper, Hindi-Urdu	1A811E	Airborne Cryptologic Linguist, Helper, Mid East	See summary of change on previous page.	See conversion instructions on previous page.
1N4X1	Signals Intelligence Analysis	No Change	No Change	The specialty qualifications are revised to add a note that allows award of the 3-skill level with an interim Top Secret security clearance.	All: 4.
1N5X1	Electronic Signals Intelligence Exploitation	No Change	No Change		
1N6X1	Electronic System Security Assessment	No Change	No Change		
1T0X1	Survival, Evasion, Resistance, and Escape Operation	No Change	No Change	Specialty description is revised to update specialty summary, duties and responsibilities, and terminology throughout. Specialty qualifications are revised to expand mandatory knowledge and experience requirements necessary for this specialty. There are no other changes to specialty qualifications.	All: 4.
X2A000	Aircrew, Avionics Systems, Chief Enlisted Manager	2A000	Avionics Systems, Chief Enlisted Manager	A single selected position and incumbent in CEM X2A000 will convert to 1A300.	<b>Indirect Conversion</b>  MPF: 3, 8. AFPC: 3, 8, 9. Manpower: 3, 8, 10.  <b>NOTE:</b> Only CEM authorizations and personnel currently supporting RC-135 weapons system duties may convert to 1A300. One authorization is expected to convert at PAS code KH0UF21F.
		1A300	Airborne Communications Systems, Chief Enlisted Manager		

Current AFSC	Current Title	New AFSC	New Title	Summary of Change	Conversion Instruction Notes
Q2A190	Aircrew Instructor, Avionics, Superintendent	Q1A391	Aircrew Instructor, Airborne Communications Systems, Superintendent	All positions and personnel in AFSCs Q2A190, X2A190, X2A171, X2A151, Q2A177, X2A177, Q2A157, X2A157, and X2A137, performing RC-135 weapon system duties directly convert to AFSC 1A3X1. No changes to the 1A3X1 specialty description are required. See specialty description or attachment 39 for mandatory ASVAB, strength and physical profile (PULHES) requirements for this AFSC.	<b>Direct Conversion</b>  MPF: 3. AFPC: 3, 9. Manpower: 3, 10.  <b>NOTE:</b> Approximately 172 X2A1X1 and Q/X2A1X7 positions have been identified to convert to 1A3X1. Personnel that convert to 1A3X1 will have their 2A1X1/X7 AFSC reawarded using the provisions of AFI 36-2101, paragraphs 3.1 and 3.2. All prefixes and Special Experience Identifiers awarded to personnel with X2A1X1 and Q/X2A1X7 AFSCs will be authorized with AFSC 1A3X1.
X2A190	Aircrew, Avionics, Superintendent	1A391	Aircrew, Airborne Communications Systems, Superintendent		
X2A171	Aircrew, Avionics Sensors Maintenance, Craftsman	1A371	Aircrew, Airborne Communications Systems, Craftsman		
X2A151	Aircrew, Avionics Sensors Maintenance, Journeyman	1A351	Airborne Communications Systems, Journeyman		
Q2A177	Aircrew Standard-ization/Flight Examiner, Electronic Warfare Systems, Craftsman	Q1A371	Aircrew Standard-ization/Flight Examiner, Airborne Communications Systems, Craftsman		
X2A177	Aircrew, Electronic Warfare Systems, Craftsman	1A371	Airborne Communications Systems, Craftsman		
Q2A157	Aircrew Standard-ization/Flight Examiner, Electronic Warfare Systems, Journeyman	Q1A351	Aircrew Standard-ization/Flight Examiner, Airborne Communications Systems, Journeyman		
X2A157	Aircrew, Electronic Warfare Systems, Journeyman	1A351	Airborne Communications Systems, Journeyman		

Current AFSC	Current Title	New AFSC	New Title	Summary of Change	Conversion Instruction Notes
X2A137	Aircrew, Electronic Warfare Systems, Apprentice	1A331	Airborne Communications Systems, Apprentice	See summary of change on the previous page.	See conversion instructions on the previous page.
2A3X3	Tactical Aircraft Maintenance	No Change	No Change	Specialty description is revised to update specialty qualifications to add the award and retention requirement of eligibility for a Secret security clearance according to AFI 31-501, <i>Personnel Security Program Management</i> . There are no other changes to qualification criteria.	All: 4.
3C0X1	Communications-Computer Systems Operations	No Change	No Change	The specialty qualifications are revised to add a note that allows award of the 3-skill level with an interim Top Secret security clearance.	
3C2X1	Communications-Computer Systems Control	No Change	No Change		
3E0X1	Electrical Systems	No Change	No Change	Specialty description is revised to update specialty summary, duties and responsibilities, and terminology. Specialty qualifications are revised to clarify experience requirements. There are no changes to entry qualifications.	
3E2X1	Pavements and Construction Equipment	No Change	No Change	Specialty description is substantially revised to update specialty summary, duties and responsibilities, and terminology throughout. Specialty qualifications are revised to update the knowledge and experience requirements. There are no other changes to qualification criteria.	
3E4X1	Utilities Systems	No Change	No Change	Specialty description is revised to update terminology throughout. Also, minor changes to update duties and responsibilities. There are no changes to entry qualifications.	
3E4X2	Liquid Fuels Maintenance	No Change	No Change	Specialty description is revised to make minor changes to duties and responsibilities. There are no changes to specialty qualifications.	

Current AFSC	Current Title	New AFSC	New Title	Summary of Change	Conversion Instruction Notes					
3E5X1	Engineering	No Change	No Change	Specialty description is substantially revised to update specialty summary, duties and responsibilities, and terminology throughout. Specialty qualifications are revised to update the mandatory knowledge, education, training, and experience requirements. The education requirement is revised to add computer operations and software application as mandatory high school courses.	All: 4.					
3E8X1	Explosive Ordnance Disposal	No Change	No Change	Specialty description is revised to make minor terminology changes throughout the specialty. Also, completion of the explosive ordnance disposal craftsman course is added as mandatory for award of the 7-skill level. There are no other changes to specialty qualifications.						
Atch 39	Additional Mandatory Requirements for AFSC Entry	No Change	No Change	Atch 39 is revised to:  1. Add AFSC 1A8X1 with aptitude, SAT (MAGE/X), and PULHES requirement as indicated:  <table><tr><td><u>AFSC</u></td><td><u>MAGE/X</u></td><td><u>PULHES</u></td></tr><tr><td>1A8X1</td><td>G-69/G</td><td>111121</td></tr></table> 2. AFSC 1A8X1 and 2R1X1 is not open to non-US citizens. It is open to US nationals.  3. AFSC 1A8X1 is authorized for use without shredouts.  4. Change the Strength Aptitude Test (SAT) requirement for:  AFSC 2A0X1A to code K (70 lbs.).  AFSC 2A1X1 to code J (60 lbs.).  AFSC 2A5X1D to code K (70 lbs.).		<u>AFSC</u>	<u>MAGE/X</u>	<u>PULHES</u>	1A8X1	G-69/G
<u>AFSC</u>	<u>MAGE/X</u>	<u>PULHES</u>								
1A8X1	G-69/G	111121								
SEI 095	Operational Test and Evaluation (OT&E)	No Change	No Change	List of authorized AFSCs/CEMs is revised to add 1A800 and 1A8X1.	MPF: 2, 7. AFPC: 2, 9. Manpower: 2, 7.					

Current AFSC	Current Title	New AFSC	New Title	Summary of Change	Conversion Instruction Notes
None	None	SEI 329	PHOENIX RAVEN	SEI 329 is established as an authorized identifier in the enlisted classification system. Award criteria is established as: completion of the PHOENIX RAVEN Qualification Course (PDS code 691), completion of two flying missions as a team leader or team member to a Raven required location, and commander’s recommendation. AFSCs/CEMs authorized for use with this SEI are 3P0XX.	MPF: 2, 7. AFPC: 2, 9. Manpower: 2, 7.
None	None	SEI 368	Airfield Manager	SEI 368 is established as an authorized identifier in the enlisted classification system. Award requires completion of the Military Airfield Manager Course, E3AZR1C091-00 (PDS code 200), 36 months in Airfield Management, position certification, and supervisor’s recommendation. AFSCs/CEMs authorized for use with this SEI are 1C000, 1C091, and 1C071.	
SEI 505	Any H-60	No Change	No Change	List of authorized AFSCs/CEMs is revised to add AFSCs 1A300 and 1A3X1.	
SEI 512	Any H-53	No Change	No Change		
SEI 513	AC-130H/U, Spectre Gunship	No Change	No Change		
SEI 569	E-3A/B (AWACS)	No Change	No Change	List of authorized AFSCs/CEMs is revised to add 1A800 and 1A8X1	MPF: 1, 2, 7. AFPC: 1, 2, 9. Manpower: 1, 2, 7.
SEI 573	Compass Call	No Change	No Change	List of authorized AFSCs/CEMs is revised to:  Delete: 1N3XX.  Add: 1A8XX.	
SEI 581	RC-135	No Change	No Change	List of authorized AFSCs/CEMs is revised to add AFSCs 1A300 and 1A3X1.	
None	None	SEI 604	F118-100/101	SEI 604 is established as an authorized identifier in the enlisted classification system. Award requires 6 months experience and supervisor’s recommendation. AFSCs/CEMs authorized for use with this SEI are 2A600, 2A691, and 2A6X1A/E.	MPF: 2, 7. AFPC: 2, 9. Manpower: 2, 10.

<b>Current AFSC</b>	<b>Current Title</b>	<b>New AFSC</b>	<b>New Title</b>	<b>Summary of Change</b>	<b>Conversion Instruction Notes</b>
SEI 1AA	Direct Support Operator (DSO)	No Change	No Change	List of authorized AFSCs/CEMs is revised to add 1A800 and 1A8X1.	MPF: 2, 7. AFPC: 2, 9. Manpower: 2, 7.
SEI 1AB	Data Link Operator (DLO)	No Change	No Change		
SEI 1AC	Adversary Tactics Analyst	No Change	No Change		
SEI 1GG	Basic Level Down-Linked Signal Intelligence Collection Platform Crypto-Linguist	No Change	No Change		
SEI 1MM	Satellite Crypto-Linguist	No Change	No Change		
SEI 1NA	Single-Channel Crypto-Linguist	No Change	No Change		
SEI 1NN	Multichannel Crypto-Linguist	No Change	No Change		
SEI 1PP	Airborne Analyst/ Ground Mission Analyst	No Change	No Change		
SEI 1QQ	Airborne Mission Supervisor/ Ground Mission Supervisor	No Change	No Change		
SEI 1RR	Basic Crypto-Analyst	No Change	No Change		
SEI 1ZD	Cryptographer	No Change	No Change		
SEI 2AA	Intermediate Level Crypto-Linguist	No Change	No Change		
SEI 3AA	Advanced Level Crypto-Linguist	No Change	No Change		
SEI 5ZC	SENIOR SCOUT Operator	No Change	No Change		



<b>Current AFSC</b>	<b>Current Title</b>	<b>New AFSC</b>	<b>New Title</b>	<b>Summary of Change</b>	<b>Conversion Instruction Notes</b>
SEI 5ZF	Middle Enlisted Cryptologic Career Advancement Program (MECCAP)	No Change	No Change	List of authorized AFSCs/CEMs is revised to add 1A800 and 1A8X1.	MPF: 2, 7. AFPC: 2, 9. Manpower: 2, 7.
SEI 5ZG	PROFORMA Operator	No Change	No Change		
Atch 42	Chief Enlisted Manager (CEM) Codes	No Change	No Change	Atch 42 is revised to add 1A800, Airborne Cryptologic Manager and 1A891 as the 9-level feeder.	All: 4.

★Attachment 2

**ENLISTED CLASSIFICATION STRUCTURE CHART**  
Effective 30 April 2001

<b>AIRCREW OPERATIONS (1A)</b>											
<b>Input or Helper Level</b>		<b>Apprentice or Semiskilled Level</b>		<b>Journeyman or Skilled Level</b>		<b>Craftsman or Advanced Level</b>		<b>Superintendent Level</b>		<b>Chief Enlisted Manager Level</b>	
1A011	In-Flt Refueling	1A031	In-Flt Refueling	1A051	In-Flt Refueling	1A071	In-Flt Refueling	1A091	In-Flt Refueling	1A000	In-Flt Refueling
1A111	Flight Engineer	1A131	Flight Engineer	1A151	Flight Engineer	1A171	Flight Engineer	1A190	Flight Engineer	1A100	Flight Engineer
B	Helicopter	B	Helicopter	B	Helicopter	B	Helicopter				
C	Perform Qual	C	Perform Qual	C	Perform Qual	C	Perform Qual				
1A211	Aircraft Loadmaster	1A231	Aircraft Loadmaster	1A251	Aircraft Loadmaster	1A271	Aircraft Loadmaster	1A291	Aircraft Loadmaster	1A200	Aircraft Loadmaster
1A311	Airborne Comm Systems	1A331	Airborne Comm Systems	1A351	Airborne Comm Systems	1A371	Airborne Comm Systems	1A391	Airborne Comm Systems	1A300	Airborne Comm Systems
1A411	Airborne Battle Mgt Systems	1A431	Airborne Battle Mgt Systems	*1A451	Airborne Battle Mgt Systems	*1A471	Airborne Battle Mgt Systems	1A491	Airborne Battle Mgt Systems	1A400	Airborne Battle Mgt Systems
				D	Weapons Dir	D	Weapons Dir				
1A511	Airborne Missions Systems	1A531	Airborne Missions Systems	1A551	Airborne Missions Systems	1A571	Airborne Missions Systems	1A591	Airborne Missions Systems	1A500	Airborne Missions Systems
1A611	Flight Attendant	1A631	Flight Attendant	1A651	Flight Attendant	1A671	Flight Attendant	1A691	Flight Attendant	1A600	Flight Attendant
1A711	Aerial Gunner	1A731	Aerial Gunner	1A751	Aerial Gunner	1A771	Aerial Gunner	1A791	Aerial Gunner	1A700	Aerial Gunner
★*1A811	Airborne Cryptologic Linguist	★*1A831	Airborne Cryptologic Linguist	★*1A851	Airborne Cryptologic Linguist	★*1A871	Airborne Cryptologic Linguist	★1A891	Airborne Cryptologic Linguist	★1A800	Airborne Cryptologic Linguist
A	Germanic	A	Germanic	A	Germanic	A	Germanic				
B	Romance	B	Romance	B	Romance	B	Romance				
C	Slavic	C	Slavic	C	Slavic	C	Slavic				
D	Far East	D	Far East	D	Far East	D	Far East				
E	Mid East	E	Mid East	E	Mid East	E	Mid East				
<b>COMMAND CONTROL SYSTEMS OPERATIONS (1C)</b>											
<b>Input or Helper Level</b>		<b>Apprentice or Semiskilled Level</b>		<b>Journeyman or Skilled Level</b>		<b>Craftsman or Advanced Level</b>		<b>Superintendent Level</b>		<b>Chief Enlisted Manager Level</b>	
1C011	Airfield Mgt	1C031	Airfield Mgt	1C051	Airfield Mgt	1C071	Airfield Mgt	1C091	Airfield Mgt	1C000	Air Operations
1C012	Ops Resource Mgt	1C032	Ops Resource Mgt	1C052	Ops Resource Mgt	1C072	Ops Resource Mgt	1C092	Ops Resource Mgt		
1C111	Air Traffic Con	1C131	Air Traffic Con	1C151	Air Traffic Con	1C171	Air Traffic Con	1C191	Air Traffic Con	1C100	Air Traffic Con
1C211	Combat Control	1C231	Combat Control	1C251	Combat Control	1C271	Combat Control	1C291	Combat Control	1C200	Combat Control
1C311	Command Post	1C331	Command Post	1C351	Command Post	1C371	Command Post	1C391	Command Post	1C300	Command Post
1C411	Tac Air Comd & Con	1C431	Tac Air Comd & Con	1C451	Tac Air Comd & Con	1C471	Tac Air Comd & Con	1C491	Tac Air Comd & Con	1C400	Tac Air Comd & Con
1C511	Aerosp Con & Warning Sys	1C531	Aerosp Con & Warning Sys	*1C551	Aerosp Con & Warning Sys	*1C571	Aerosp Con & Warning Sys	1C591	Aerosp Con & Warning Sys	1C500	Aerosp Con & Warning Sys
A	Manual Sys	A	Manual Sys	D	Weapons Dir	D	Weapons Dir				
B	SOCC	B	SOCC								
C	TACS	C	TACS								
1C611	Space Sys Ops	1C631	Space Sys Ops	1C651	Space Sys Ops	1C671	Space Sys Ops	1C691	Space Sys Ops	1C600	Space Sys Ops

INTELLIGENCE (1N)											
Input or Helper Level		Apprentice or Semiskilled Level		Journeyman or Skilled Level		Craftsman or Advanced Level		Superintendent Level		Chief Enlisted Manager Level	
1N011	Intel Applications	1N031	Intel Applications	1N051	Intel Applications	1N071	Intel Applications	1N091	Intel Applications	1N000	Intel Appl & Exploitation
1N111	Imagery Analysis	1N131	Imagery Analysis	1N151	Imagery Analysis	1N171	Imagery Analysis	1N191	Imagery Analysis		
1N211	Signals Intel Production	1N231	Signals Intel Production	1N251	Signals Intel Production	1N271	Signals Intel Production	1N291	Signals Intel Production	1N200	Signals Intel Analysis
1N311	Germanic Crypto Linguist	1N331	Germanic Crypto Linguist	1N351	Germanic Crypto Linguist	1N371	Germanic Crypto Linguist	1N390	Cryptologic Linguist		
A	German	A	German	A	German	A	German				
B	Dutch	B	Dutch	B	Dutch	B	Dutch				
C	Flemish	C	Flemish	C	Flemish	C	Flemish				
D	Swedish	D	Swedish	D	Swedish	D	Swedish				
E	Afrikaans	E	Afrikaans	E	Afrikaans	E	Afrikaans				
1N312	Romance Crypto Linguist	1N332	Romance Crypto Linguist	1N352	Romance Crypto Linguist	1N372	Romance Crypto Linguist				
A	Spanish (Latin American)	A	Spanish (Latin American)	A	Spanish (Latin American)	A	Spanish (Latin American)				
B	Portuguese (Latin American)	B	Portuguese (Latin American)	B	Portuguese (Latin American)	B	Portuguese (Latin American)				
C	French	C	French	C	French	C	French				
D	Italian	D	Italian	D	Italian	D	Italian				
E	Romanian	E	Romanian	E	Romanian	E	Romanian				
F	Haitian-Creole	F	Haitian-Creole	F	Haitian-Creole	F	Haitian-Creole				
G	Molodovan	G	Molodovan	G	Molodovan	G	Molodovan				
1N313	Slavic Crypto Linguist	1N333	Slavic Crypto Linguist	1N353	Slavic Crypto Linguist	1N373	Slavic Crypto Linguist				
A	Russian	A	Russian	A	Russian	A	Russian				
B	Polish	B	Polish	B	Polish	B	Polish				
C	Czech	C	Czech	C	Czech	C	Czech				
D	Serbo-Croat	D	Serbo-Croat	D	Serbo-Croat	D	Serbo-Croat				
E	Russian (White)	E	Russian (White)	E	Russian (White)	E	Russian (White)				
F	Hungarian	F	Hungarian	F	Hungarian	F	Hungarian				
G	Lithuanian	G	Lithuanian	G	Lithuanian	G	Lithuanian				
H	Slovenian	H	Slovenian	H	Slovenian	H	Slovenian				
J	Bulgarian	J	Bulgarian	J	Bulgarian	J	Bulgarian				
K	Ukrainian	K	Ukrainian	K	Ukrainian	K	Ukrainian				
L	Macedonian	L	Macedonian	L	Macedonian	L	Macedonian				
M	Albanian	M	Albanian	M	Albanian	M	Albanian				
1N314	Far East Crypto Linguist	1N334	Far East Crypto Linguist	1N354	Far East Crypto Linguist	1N374	Far East Crypto Linguist				
A	Chinese (Mandarin)	A	Chinese (Mandarin)	A	Chinese (Mandarin)	A	Chinese (Mandarin)				
B	Vietnamese	B	Vietnamese	B	Vietnamese	B	Vietnamese				
C	Thai	C	Thai	C	Thai	C	Thai				
D	Cambodian	D	Cambodian	D	Cambodian	D	Cambodian				
E	Lao	E	Lao	E	Lao	E	Lao				
F	Japanese	F	Japanese	F	Japanese	F	Japanese				
G	Korean	G	Korean	G	Korean	G	Korean				
H	Chinese (Cantonese)	H	Chinese (Cantonese)	H	Chinese (Cantonese)	H	Chinese (Cantonese)				
J	Tagalog	J	Tagalog	J	Tagalog	J	Tagalog				

## INTELLIGENCE (1N) (Continued)

Input or Helper Level		Apprentice or Semiskilled Level		Journeyman or Skilled Level		Craftsman or Advanced Level		Superintendent Level		Chief Enlisted Manager Level	
1N315	Mid East Crypto Linguist	1N335	Mid East Crypto Linguist	1N355	Mid East Crypto Linguist	1N375	Mid East Crypto Linguist	1N390	Cryptologic Linguist	1N200	Signals Intel Analysis
A	Arabic	A	Arabic	A	Arabic	A	Arabic				
B	Arabic (Syrian)	B	Arabic (Syrian)	B	Arabic (Syrian)	B	Arabic (Syrian)				
C	Hebrew	C	Hebrew	C	Hebrew	C	Hebrew				
D	Persian	D	Persian	D	Persian	D	Persian				
E	Turkish	E	Turkish	E	Turkish	E	Turkish				
F	Greek	F	Greek	F	Greek	F	Greek				
G	Indonesian	G	Indonesian	G	Indonesian	G	Indonesian				
H	Hindi-Urdu	H	Hindi-Urdu	H	Hindi-Urdu	H	Hindi-Urdu				
J	Armenian	J	Armenian	J	Armenian	J	Armenian				
K	Azeri	K	Azeri	K	Azeri	K	Azeri				
L	Pushtu	L	Pushtu	L	Pushtu	L	Pushtu				
M	Georgian	M	Georgian	M	Georgian	M	Georgian				
N	Tadzhik	N	Tadzhik	N	Tadzhik	N	Tadzhik				
P	Kazakh	P	Kazakh	P	Kazakh	P	Kazakh				
Q	Turkmen	Q	Turkmen	Q	Turkmen	Q	Turkmen				
R	Uzbek	R	Uzbek	R	Uzbek	R	Uzbek				
1N411	Signals Intel Analysis	1N431	Signals Intel Analysis	1N451	Signals Intel Analysis	1N471	Signals Intel Analysis	1N491	Signals Intel Analysis		
1N511	Electronic Sig Intel Exploit	1N531	Electronic Sig Intel Exploit	1N551	Electronic Sig Intel Exploit	1N571	Electronic Sig Intel Exploit	1N591	Electronic Sig Intel Exploit	1N500	Electronic Sig Intel Exploit
1N611	Electronic Sys Security Assess	1N631	Electronic Sys Security Assess	1N651	Electronic Sys Security Assess	1N671	Electronic Sys Security Assess	1N691	Electronic Sys Security Assess	1N600	Electronic Sys Security Assess

## SAFETY (1S)

Input or Helper Level		Apprentice or Semiskilled Level		Journeyman or Skilled Level		Craftsman or Advanced Level		Superintendent Level		Chief Enlisted Manager Level	
1S011	Safety	1S031	Safety	1S051	Safety	1S071	Safety	1S091	Safety	1S000	Safety

## AIRCREW PROTECTION (1T)

Input or Helper Level		Apprentice or Semiskilled Level		Journeyman or Skilled Level		Craftsman or Advanced Level		Superintendent Level		Chief Enlisted Manager Level	
1T011	Survival, Evasion, Resist, & Escape Ops	1T031	Survival, Evasion, Resist, & Escape Ops	1T051	Survival, Evasion, Resist, & Escape Ops	1T071	Survival, Evasion, Resist, & Escape Ops	1T091	Survival, Evasion, Resist, & Escape Ops	1T000	Survival, Evasion, Resist, & Escape Ops
1T111	Aircrew Life Support	1T131	Aircrew Life Support	1T151	Aircrew Life Support	1T171	Aircrew Life Support	1T191	Aircrew Life Support	1T100	Aircrew Life Support
1T211	Pararescue	1T231	Pararescue	1T251	Pararescue	1T271	Pararescue	1T291	Pararescue	1T200	Pararescue

## WEATHER (1W)

Input or Helper Level		Apprentice or Semiskilled Level		Journeyman or Skilled Level		Craftsman or Advanced Level		Superintendent Level		Chief Enlisted Manager Level	
1W011	Weather	*1W031	Weather A Forecaster	*1W051	Weather A Forecaster	1W071	Weather A Forecaster	1W091	Weather	1W000	Weather

## MANNED AEROSPACE MAINTENANCE (2A)

Input or Helper Level	Apprentice or Semiskilled Level	Journeyman or Skilled Level	Craftsman or Advanced Level	Superintendent Level	Chief Enlisted Manager Level
2A011 Avionics Test Stn & Cmpnt A F-15 B F-16/F-117/ A-10/B-1B/ C-17	2A031 Avionics Test Stn & Cmpnt A F-15 B F-16/F-117/ A-10/B-1B/ C-17	2A051 Avionics Test Stn & Cmpnt A F-15 B F-16/F-117/ A-10/B-1B/ C-17	2A071 Avionics Test Stn & Cmpnt A F-15 B F-16/F-117/ A-10/B-1B/ C-17	2A190 Avionics	2A000 Avionics Systems
2A111 Avionic Sensors Maint	2A131 Avionic Sensors Maint	2A151 Avionic Sensors Maint	2A171 Avionic Sensors Maint		
2A112 Avionics Guidance & Con Sys	2A132 Avionics Guidance & Con Sys	2A152 Avionics Guidance & Con Sys	2A172 Avionics Guidance & Con Sys		
2A113 Comm & Nav Systems	2A133 Comm & Nav Systems	2A153 Comm & Nav Systems	2A173 Comm & Nav Systems		
2A114 Abn Surveillance Radar Sys	2A134 Abn Surveillance Radar Sys	2A154 Abn Surveillance Radar Sys	2A174 Abn Surveillance Radar Sys		
2A117 Elect Warfare Systems	2A137 Elect Warfare Systems	2A157 Elect Warfare Systems	2A177 Elect Warfare Systems		
2A311 F-15/F-111 Avionic Sys A Attack Con B Instm & Flt Con C Comm, Nav, & Pen Aids	2A331 F-15/F-111 Avionic Sys A Attack Con B Instm & Flt Con C Comm, Nav, & Pen Aids	2A351 F-15/F-111 Avionic Sys A Attack Con B Instm & Flt Con C Comm, Nav, & Pen Aids	2A371 F-15/F-111 Avionic Sys	2A390 Tactical Acft	2A300 Aircraft
2A312 F-16, F-117, RQ-1, CV-22 Avionic Systems	2A332 F-16, F-117, RQ-1, CV-22 Avionic Systems	2A352 F-16, F-117, RQ-1, CV-22 Avionic Systems	2A372 F-16, F-117, RP-1, CV-22 Avionic Systems		
2A313 Tac Acft Maint A F-15 B F-16/F-117 C F/EF-111 D F-4 E A-10 F T-1/T-38 G T-37/OA-37 H U-2 Z All Other	2A333 Tac Acft Maint A F-15 B F-16/F-117 C F/EF-111 D F-4 E A-10 F T-1/T-38 G T-37/OA-37 H U-2 Z All Other	2A353 Tac Acft Maint A F-15 B F-16/F-117 J Gen (Except F-15/F-16/ F-117)	2A373 Tac Acft Maint A F-15 B F-16/F-117 J Gen (Except F-15/F-16/ F-117)		
2A411 Acft Guidance & Control	2A431 Acft Guidance & Control	2A451 Acft Guidance & Control	2A471 Acft Guidance & Control	2A590 Aerospace Maint	
2A412 Acft Comm & Nav Systems	2A432 Acft Comm & Nav Systems	2A452 Acft Comm & Nav Systems	2A472 Acft Comm & Nav Systems		

# MANNED AEROSPACE MAINTENANCE (2A) Continued

Input or Helper Level		Apprentice or Semiskilled Level		Journeyman or Skilled Level		Craftsman or Advanced Level		Superintendent Level		Chief Enlisted Manager Level	
2A511	Aerosp Maint	2A531	Aerosp Maint	2A551	Aerosp Maint	2A571	Aerosp Maint	2A590	Aerospace Maint	2A300	Aircraft
A	C-9/C-20/C-21/ C-22/C-141/ T-39/T-43	A	C-9/C-20/C-21/ C-22/C-141/ T-39/T-43	J	C-5/C-9/C-12/ C-17/C-20/ C-21/C-22/  C-26/C-27/ C-130/C-141/ T-39/T-43						
B	C-12/C-26/ C-27/C-130	B	C-12/C-26/ C-27/C-130								
C	C-5	C	C-5								
D	C-17	D	C-17	K	B-1/B-2/B-52						
E	B-1/B-2	E	B-1/B-2	L	C-135/C-18/ E-3/E-4/KC10/ VC-25/VC-137						
F	B-52	F	B-52								
G	C18/C135/E3/ VC25/VC137	G	C18/C135/E3/ VC25/VC137								
H	E-4/KC-10	H	E-4/KC-10								
2A512	Heli Maint	2A532	Heli Maint	2A552	Heli Maint	2A572	Heli Maint				
A	MH-53	A	MH-53								
B	H-60	B	H-60								
C	H-1	C	H-1								
2A513	Integrated Avionics Systems	2A533	Integrated Avionics Systems	2A553	Integrated Avionics Systems	2A573	Integrated Avionics Systems				
A	Comm, Nav, & Mission	A	Comm, Nav, & Mission	A	Comm, Nav, & Mission	A	Comm, Nav, & Mission				
B	Instru & Flt Controls	B	Instru & Flt Con Controls	B	Instru & Flt Con Controls	B	Instru & Flt Con Controls				
C	Elect Warfare	C	Elect Warfare	C	Elect Warfare	C	Elect Warfare				
2A611	Aerospace Propulsion	2A631	Aerospace Propulsion	2A651	Aerospace Propulsion	2A671	Aerospace Propulsion	2A691	Aerospace Propulsion	2A600	Systems
B	Turboprop & Turboshaft	B	Turboprop & Turboshaft	A	Jet Engines	A	Jet Engines				
C	TF33 Jet Engines	C	TF33 Jet Engines	B	Turboprop & Turboshaft	B	Turboprop & Turboshaft				
D	F100 Jet Eng	D	F100 Jet Eng								
E	F110 Jet Eng	E	F110 Jet Eng								
2A612	Aerosp Ground Equip	2A632	Aerosp Ground Equip	2A652	Aerosp Ground Equip	2A672	Aerosp Ground Equip	2A692	Aerosp Ground Equip		
2A613	Aircrew Egress Systems	2A633	Aircrew Egress Systems	2A653	Aircrew Egress Systems	2A673	Aircrew Egress Systems	2A690	Acft Systems		
2A614	Acft Fuel Sys	2A634	Acft Fuel Sys	2A654	Acft Fuel Sys	2A674	Acft Fuel Sys				
2A615	Acft Hydraulic Systems	2A635	Acft Hydraulic Systems	2A655	Acft Hydraulic Systems	2A675	Acft Hydraulic Systems				
2A616	Acft Elect & Envir Systems	2A636	Acft Elect & Envir Systems	2A656	Acft Elect & Envir Systems	2A676	Acft Elect & Envir Systems				
2A711	Acft Metals Technology	2A731	Acft Metals Technology	2A751	Acft Metals Technology	2A771	Acft Metals Technology	2A790	Acft Fabrication		
2A712	Nondestructive Inspection	2A732	Nondestructive Inspection	2A752	Nondestructive Inspection	2A772	Nondestructive Inspection				
2A713	Acft Structural Maint	2A733	Acft Structural Maint	2A753	Acft Structural Maint	2A773	Acft Structural Maint				
2A714	Survival Equipment	2A734	Survival Equipment	2A754	Survival Equipment	2A774	Survival Equipment				

### COMMUNICATIONS - ELECTRONICS - SYSTEMS (2E)

Input or Helper Level	Apprentice or Semiskilled Level	Journeyman or Skilled Level	Craftsman or Advanced Level	Superintendent Level	Chief Enlisted Manager Level
2E011 Ground Radar Systems	2E031 Ground Radar Systems	2E051 Ground Radar Systems	2E071 Ground Radar Systems	2E190 Comm Systems	2E000 Comm-Elect Systems
2E111 Satellite, Wideband, & Telemetry Systems	2E131 Satellite, Wideband, & Telemetry Systems	2E151 Satellite, Wideband, & Telemetry Systems	2E171 Satellite, Wideband, & Telemetry Systems		
2E112 Meteorological & Nav Sys	2E132 Meteorological & Nav Sys	2E152 Meteorological & Nav Sys	2E172 Meteorological & Nav Sys		
2E113 Ground Radio Comm	2E133 Ground Radio Comm	2E153 Ground Radio Comm	2E173 Ground Radio Comm		
2E114 Visual Imagery & Intrusion Detection Sys	2E134 Visual Imagery & Intrusion Detection Sys	2E154 Visual Imagery & Intrusion Detection Sys	2E174 Visual Imagery & Intrusion Detection Sys		
2E211 Com, Network, Switching & Crypto Systems	2E231 Com, Network, Switching & Crypto Systems	2E251 Com, Network, Switching & Crypto Systems	2E271 Com, Network, Switching & Crypto Systems	2E291 Com, Network, Switching & Crypto Systems	
2E612 Comm Cable & Ant Systems	2E632 Comm Cable & Ant Systems	2E652 Comm Cable & Ant Systems	2E672 Comm Cable & Ant Systems	2E690 Tele & Distr Comm Systems	
2E613 Telephone Systems	2E633 Telephone Systems	2E653 Telephone Systems	2E673 Telephone Systems		

### FUELS (2F)

Input or Helper Level	Apprentice or Semiskilled Level	Journeyman or Skilled Level	Craftsman or Advanced Level	Superintendent Level	Chief Enlisted Manager Level
2F011 Fuels	2F031 Fuels	2F051 Fuels	2F071 Fuels	2F091 Fuels	2F000 Fuels

### LOGISTICS PLANS (2G)

Input or Helper Level	Apprentice or Semiskilled Level	Journeyman or Skilled Level	Craftsman or Advanced Level	Superintendent Level	Chief Enlisted Manager Level
2G011 Logistics Plans	2G031 Logistics Plans	2G051 Logistics Plans	2G071 Logistics Plans	2G091 Logistics Plans	2G000 Logistics Plans

MISSILE & SPACE SYSTEMS MAINTENANCE (2M)																
Input or Helper Level			Apprentice or Semiskilled Level			Journeyman or Skilled Level			Craftsman or Advanced Level			Superintendent Level		Chief Enlisted Manager Level		
*2M011	Msl & Space Sys Elect Maint		*2M031	Msl & Space Sys Elect Maint		2M051	Msl & Space Sys Elect Maint		2M071	Msl & Space Sys Elect Maint		2M090	Msl & Space Sys Maint		2M000	Msl & Space Sys Maint
A	ICBM		A	ICBM												
B	ALCM		B	ALCM												
2M012	Msl & Space Sys Maint		2M032	Msl & Space Sys Maint		2M052	Msl & Space Sys Maint		2M072	Msl & Space Sys Maint						
2M013	Msl & Space Facilities		2M033	Msl & Space Facilities		2M053	Msl & Space Facilities		2M073	Msl & Space Facilities						
PRECISION MEASUREMENT (2P)																
Input or Helper Level			Apprentice or Semiskilled Level			Journeyman or Skilled Level			Craftsman or Advanced Level			Superintendent Level		Chief Enlisted Manager Level		
2P011	Precision Measurement Equip Lab		2P031	Precision Measurement Equip Lab		2P051	Precision Measurement Equip Lab		2P071	Precision Measurement Equip Lab		2P091	Precision Measurement Equip Lab		2P000	Precision Measurement Equip Lab
MAINTENANCE MANAGEMENT SYSTEMS (2R)																
Input or Helper Level			Apprentice or Semiskilled Level			Journeyman or Skilled Level			Craftsman or Advanced Level			Superintendent Level		Chief Enlisted Manager Level		
2R011	Maint Data Sys Analysis		2R031	Maint Data Sys Analysis		2R051	Maint Data Sys Analysis		2R071	Maint Data Sys Analysis		2R091	Maint Data Sys Analysis		2R000	Maint Data Sys Analysis
2R111	Maint Production Mgt		2R131	Maint Production Mgt		2R151	Maint Production Mgt		2R171	Maint Production Mgt		2R191	Maint Production Mgt		2R100	Maint Production Mgt
SUPPLY (2S)																
Input or Helper Level			Apprentice or Semiskilled Level			Journeyman or Skilled Level			Craftsman or Advanced Level			Superintendent Level		Chief Enlisted Manager Level		
2S011	Supply Mgt		2S031	Supply Mgt		2S051	Supply Mgt		2S071	Supply Mgt		2S090	Supply Mgt		2S000	Supply
2S012	Supply Systems Analysis		2S032	Supply Systems Analysis		2S052	Supply Systems Analysis		2S072	Supply Systems Analysis						
TRANSPORTATION AND VEHICLE MAINTENANCE (2T)																
Input or Helper Level			Apprentice or Semiskilled Level			Journeyman or Skilled Level			Craftsman or Advanced Level			Superintendent Level		Chief Enlisted Manager Level		
2T011	Traffic Mgt		2T031	Traffic Mgt		2T051	Traffic Mgt		2T071	Traffic Mgt		2T091	Traffic Mgt		2T000	Traffic
2T111	Vehicle Ops		2T131	Vehicle Ops		2T151	Vehicle Ops		2T171	Vehicle Ops		2T191	Vehicle Ops		2T100	Vehicle Ops
2T211	Air Trans		2T231	Air Trans		2T251	Air Trans		2T271	Air Trans		2T291	Air Trans		2T200	Air Trans
2T311	Spec Purpose Veh & Equip Maint		2T331	Spec Purpose Veh & Equip Maint		2T351	Spec Purpose Veh & Equip Maint		2T370	Spec Purpose Vehicle & Equipment Maintenance		2T390	Vehicle Maintenance		2T300	Vehicle Maintenance
2T312	Spec Veh Maint		2T332	Spec Veh Maint		2T352	Spec Veh Maint									
A	Fire Trucks		A	Fire Trucks		A	Fire Trucks									
B	Refueling Veh		B	Refueling Veh		B	Refueling Veh									
2T314	Gen Purpose Veh Maint		2T334	Gen Purpose Veh Maint		2T354	Gen Purpose Veh Maint									
2T315	Veh Body Maint		2T335	Veh Body Maint		2T355	Veh Body Maint									
2T317	Veh Maint Con & Analysis		2T337	Veh Maint Con & Analysis		2T357	Veh Maint Con & Analysis		2T377	Veh Maint Con & Analysis						



MUNITIONS & WEAPONS (2W)									
Input or Helper Level		Apprentice or Semiskilled Level		Journeyman or Skilled Level		Craftsman or Advanced Level		Superintendent Level	
2W011	Munitions Sys	2W031	Munitions Sys	2W051	Munitions Sys	2W071	Munitions Sys	2W091	Munitions Sys
2W111	Acft Armament Systems	2W131	Acft Armament Systems	2W151	Acft Armament Systems	2W171	Acft Armament Systems	2W191	Acft Armament Systems
C	A-10	C	A-10						
D	F-4	D	F-4						
E	F-15	E	F-15						
F	F-16	F	F-16						
H	F-111	H	F-111						
K	B-52G/H	K	B-52G/H						
L	B-1B	L	B-1B						
Z	All Other	Z	All Other						
2W211	Nuclear Wpns	2W231	Nuclear Wpns	2W251	Nuclear Wpns	2W271	Nuclear Wpns	2W291	Nuclear Wpns
2W000	Munitions Maintenance	2W100	Acft Armament						
INFORMATION MANAGEMENT (3A)									
Input or Helper Level		Apprentice or Semiskilled Level		Journeyman or Skilled Level		Craftsman or Advanced Level		Superintendent Level	
3A011	Information Mgt	3A031	Information Mgt	3A051	Information Mgt	3A071	Information Mgt	3A091	Information Mgt
3A000	Information Mgt								
COMMUNICATIONS-COMPUTER SYSTEMS (3C)									
Input or Helper Level		Apprentice or Semiskilled Level		Journeyman or Skilled Level		Craftsman or Advanced Level		Superintendent Level	
3C011	Comm - Computer Sys Ops	3C031	Comm - Computer Sys Ops	3C051	Comm - Computer Sys Ops	3C071	Comm - Computer Sys Ops	3C090	Comm - Computer Sys
3C012	Comm - Computer Sys Prgm	3C032	Comm - Computer Sys Prgm	3C052	Comm - Computer Sys Prgm	3C072	Comm - Computer Sys Prgm		
3C111	Radio Comm Systems	3C131	Radio Comm Systems	3C151	Radio Comm Systems	3C171	Radio Comm Systems	3C191	Radio Comm Systems
3C112	Electro-magnetic Spectrum Mgt	3C132	Electro-magnetic Spectrum Mgt	3C152	Electro-magnetic Spectrum Mgt	3C172	Electro-magnetic Spectrum Mgt	3C192	Electro-magnetic Spectrum Mgt
3C211	Comm - Computer Sys Con	3C231	Comm - Computer Sys Con	3C251	Comm - Computer Sys Con	3C271	Comm - Computer Sys Con	3C291	Comm - Computer Sys Con
3C311	Comm - Computer Sys Plan & Imp	3C331	Comm - Computer Sys Plan & Imp	3C351	Comm - Computer Sys Plan & Imp	3C371	Comm - Computer Sys Plan & Imp	3C391	Comm - Computer Sys Plan & Imp
3C000	Comm - Computer Sys								

**CIVIL-ENGINEERING (3E)**

Input or Helper Level		Apprentice or Semiskilled Level		Journeyman or Skilled Level		Craftsman or Advanced Level		Superintendent Level		Chief Enlisted Manager Level	
3E011	Electrical Sys	3E031	Electrical Sys	3E051	Electrical Sys	3E071	Electrical Sys	3E090	Electrical	3E000	Civil Engineer
3E012	Electric Power Production	3E032	Electric Power Production	3E052	Electric Power Production	3E072	Electric Power Production				
3E111	Heating, Vent, A/C, & Refrig	3E131	Heating, Vent, A/C, & Refrig	3E151	Heating, Vent, A/C, & Refrig	3E171	Heating, Vent, A/C, & Refrig	3E191	Heating, Vent, A/C, & Refrig		
3E211	Pavements & Const Equip	3E231	Pavements & Const Equip	3E251	Pavements & Const Equip	3E271	Pavements & Const Equip	3E291	Pavements & Const Equip		
3E311	Structural	3E331	Structural	3E351	Structural	3E371	Structural	3E391	Structural		
3E411	Utilities Sys	3E431	Utilities Sys	3E451	Utilities Sys	3E471	Utilities Sys	3E490	Utilities Sys		
3E412	Liquid Fuel Sys Maint	3E432	Liquid Fuel Sys Maint	3E452	Liquid Fuel Sys Maint	3E472	Liquid Fuel Sys Maint				
3E413	Environmental Controls	3E433	Environmental Controls	3E453	Environmental Controls	3E473	Environmental Controls				
3E511	Engineering	3E531	Engineering	3E551	Engineering	3E571	Engineering	3E591	Engineering		
3E611	Operations Management	3E631	Operations Management	3E651	Operations Management	3E671	Operations Management	3E691	Operations Management		
3E711	Fire Protection	3E731	Fire Protection	3E751	Fire Protection	3E771	Fire Protection	3E791	Fire Protection	3E700	Fire Protection
3E811	Explosive Ord Disposal	3E831	Explosive Ord Disposal	3E851	Explosive Ord Disposal	3E871	Explosive Ord Disposal	3E891	Explosive Ord Disposal	3E800	Explosive Ord Disposal
3E911	Readiness	3E931	Readiness	3E951	Readiness	3E971	Readiness	3E991	Readiness	3E900	Readiness

**HISTORIAN (3H)**

Input or Helper Level		Apprentice or Semiskilled Level		Journeyman or Skilled Level		Craftsman or Advanced Level		Superintendent Level		Chief Enlisted Manager Level	
3H011	Historian	3H031	Historian	3H051	Historian	3H071	Historian	3H091	Historian	3H000	Historian

**SERVICES (3M)**

Input or Helper Level		Apprentice or Semiskilled Level		Journeyman or Skilled Level		Craftsman or Advanced Level		Superintendent Level		Chief Enlisted Manager Level	
3M011	Services	3M031	Services	3M051	Services	3M071	Services	3M091	Services	3M000	Services

**PUBLIC AFFAIRS (3N)**

Input or Helper Level		Apprentice or Semiskilled Level		Journeyman or Skilled Level		Craftsman or Advanced Level		Superintendent Level		Chief Enlisted Manager Level	
3N011	Public Affairs	3N031	Public Affairs	3N051	Public Affairs	3N071	Public Affairs	3N090	Public Affairs	3N000	Public Affairs
3N012	Radio/TV Brdcst	3N032	Radio/TV Brdcst	3N052	Radio/TV Brdcst	3N072	Radio/TV Brdcst				
3N111	Regional Band	3N131	Regional Band	3N151	Regional Band	3N171	Regional Band	3N190	Regional Band	3N100	Regional Band
A	Clarinet	A	Clarinet	A	Clarinet	A	Clarinet				
B	Saxophone	B	Saxophone	B	Saxophone	B	Saxophone				
C	Bassoon	C	Bassoon	C	Bassoon	C	Bassoon				
D	Oboe	D	Oboe	D	Oboe	D	Oboe				
E	Flute/Piccolo	E	Flute/Piccolo	E	Flute/Piccolo	E	Flute/Piccolo				
F	French Horn	F	French Horn	F	French Horn	F	French Horn				
G	Cornet/Trumpet	G	Cornet/Trumpet	G	Cornet/Trumpet	G	Cornet/Trumpet				
H	Bartn/Euponim	H	Bartn/Euponim	H	Bartn/Euponim	H	Bartn/Euponim				
J	Trombone	J	Trombone	J	Trombone	J	Trombone				
K	Tuba	K	Tuba	K	Tuba	K	Tuba				
L	Percussion	L	Percussion	L	Percussion	L	Percussion				
M	Piano	M	Piano	M	Piano	M	Piano				
N	Guitar	N	Guitar	N	Guitar	N	Guitar				
P	Music Arrng	P	Music Arrng	P	Music Arrng	P	Music Arrng				
R	Vocalist	R	Vocalist	R	Vocalist	R	Vocalist				
S	Elect/Strg Bass	S	Elect/Strg Bass	S	Elect/Strg Bass	S	Elect/Strg Bass				

PUBLIC AFFAIRS (3N) Continued						
Input or Helper Level	Apprentice or Semiskilled Level	Journeyman or Skilled Level	Craftsman or Advanced Level	Superintendent Level	Chief Enlisted Manager Level	
T Mil Band Spt (USAF or USAFA)	T Mil Band Spt (USAF or USAFA)	T Mil Band Spt (USAF or USAFA)	T Mil Band Spt (USAF or USAFA)			
V Audio & Lighting Eng	V Audio & Lighting Eng	V Audio & Lighting Eng	V Audio & Lighting Eng			
Z Instrmlist, Gen (ANG Bands)	Z Instrmlist, Gen (ANG Bands)	Z Instrmlist, Gen (ANG Bands)	Z Instrmlist, Gen (ANG Bands)			
3N211 Premier Band	3N231 Premier Band		3N271 Premier Band	3N291 Premier Band	3N200 Premier Band	
SECURITY FORCES (3P)						
Input or Helper Level	Apprentice or Semiskilled Level	Journeyman or Skilled Level	Craftsman or Advanced Level	Superintendent Level	Chief Enlisted Manager Level	
*3P011 Security Forces	*3P031 Security Forces	*3P051 Security Forces	3P071 Security Forces	3P091 Security Forces	3P000 Security Forces	
A Mil Working Dog Handler	A Mil Working Dog Handler	A Mil Working Dog Handler				
B Combat Arms	B Combat Arms	B Combat Arms				
MISSION SUPPORT (3S)						
Input or Helper Level	Apprentice or Semiskilled Level	Journeyman or Skilled Level	Craftsman or Advanced Level	Superintendent Level	Chief Enlisted Manager Level	
3S011 Personnel	3S031 Personnel	3S051 Personnel	3S071 Personnel	3S090 Personnel	3S000 Personnel	
3S012 Personnel Systems Mgt	3S032 Personnel Systems Mgt	3S052 Personnel Systems Mgt	3S072 Personnel Systems Mgt			
3S111 Military Equal Opportunity	3S131 Military Equal Opportunity		3S171 Military Equal Opportunity	3S191 Military Equal Opportunity	3S100 Military Equal Opportunity	
3S211 Education & Training	3S231 Education & Training	3S251 Education & Training	3S271 Education & Training	3S291 Education & Training	3S200 Education & Training	
MANPOWER (3U)						
Input or Helper Level	Apprentice or Semiskilled Level	Journeyman or Skilled Level	Craftsman or Advanced Level	Superintendent Level	Chief Enlisted Manager Level	
3U011 Manpower	3U031 Manpower		3U071 Manpower	3U091 Manpower	3U000 Manpower	
VISUAL INFORMATION (3V)						
Input or Helper Level	Apprentice or Semiskilled Level	Journeyman or Skilled Level	Craftsman or Advanced Level	Superintendent Level	Chief Enlisted Manager Level	
3V011 Visual Information	3V031 Visual Information	3V051 Visual Information	3V071 Visual Information	3V090 Visual Information Services	3V000 Visual Information Services	
3V012 Still Photographic	3V032 Still Photographic	3V052 Still Photographic	3V072 Still Photographic			
3V013 Visual Info Production - Documentation	3V033 Visual Info Production - Documentation	3V053 Visual Info Production - Documentation	3V073 Visual Info Production - Documentation			

### MEDICAL (4X) (except 4Y)

Input or Helper Level	Apprentice or Semiskilled Level	Journeyman or Skilled Level	Craftsman or Advanced Level	Superintendent Level	Chief Enlisted Manager Level
4A011 Health Services Mgmt	4A031 Health Services Mgmt	4A051 Health Services Mgmt	4A071 Health Services Mgmt	4A091 Health Services Mgmt	4A000 Health Services Mgmt
4A111 Medical Materiel	4A131 Medical Materiel	4A151 Medical Materiel	4A171 Medical Materiel	4A191 Medical Materiel	4A100 Medical Materiel
4A211 Biomedical Equip	4A231 Biomedical Equip	4A251 Biomedical Equip	4A271 Biomedical Equip	4A291 Biomedical Equip	4A200 Biomedical Equip
4B011 Bioenviron-mental Engrg	4B031 Bioenviron-mental Engrg	4B051 Bioenviron-mental Engrg	4B071 Bioenviron-mental Engrg	4B091 Bioenviron-mental Engrg	4B000 Bioenviron-mental Engrg
4C011 Mental Health Service	4C031 Mental Health Service	4C051 Mental Health Service	4C071 Mental Health Service	4C091 Mental Health Service	4C000 Mental Health Service
4D011 Diet Therapy	4D031 Diet Therapy	4D051 Diet Therapy	4D071 Diet Therapy	4D091 Diet Therapy	4D000 Diet Therapy
4E011 Public Health	4E031 Public Health	4E051 Public Health	4E071 Public Health	4E091 Public Health	4E000 Public Health
4F011 Aeromedical	4F031 Aeromedical	4F051 Aeromedical	4F071 Aeromedical	4F091 Aeromedical	4F000 Aeromedical
4H011 Cardiopul-monary Lab	4H031 Cardiopul-monary Lab	4H051 Cardiopul-monary Lab	4H071 Cardiopulmonary Lab	4H091 Cardiopul-monary Lab	4H000 Cardiopulmonary Lab
4J011 Occ Therapy	4J031 Occ Therapy	4J051 Occ Therapy	4J071 Occ Therapy	4J091 Occ Therapy	4J000 Biomedical Therapy
4J012 Physical Therapy	4J032 Physical Therapy	4J052 Physical Therapy	4J072 Physical Therapy	4J092 Physical Therapy	
4M011 Aerosp Physiol	4M031 Aerosp Physiol	4M051 Aerosp Physiol	4M071 Aerosp Physiol	4M091 Aerosp Physiol	4M000 Aerosp Physiol
*4N011 Medical Svc	*4N031 Medical Svc	*4N051 Medical Svc	4N071 Medical Svc	4N091 Medical Svc	4N000 Medical Svc
A Allergy/Immun	A Allergy/Immun	A Allergy/Immun			
B Neurology	B Neurology	B Neurology			
*4N111 Surgical Svc	*4N131 Surgical Svc	*4N151 Surgical Svc	*4N171 Surgical Svc	4N191 Surgical Svc	
B Urology	B Urology	B Urology	B Urology		
C Orthopedics	C Orthopedics	C Orthopedics	C Orthopedics		
D Otorhinolaryn-gology	D Otorhinolaryn-gology	D Otorhinolaryn-gology	D Otorhinolaryn-gology		
4P011 Pharmacy	4P031 Pharmacy	4P051 Pharmacy	4P071 Pharmacy	4P091 Pharmacy	4P000 Pharmacy
*4R011 Diagnostic Imaging	*4R031 Diagnostic Imaging	*4R051 Diagnostic Imaging	*4R071 Diagnostic Imaging	4R090 Diagnostic Imaging	4R000 Diagnostic Imaging
A Nuclear Medicine	A Nuclear Medicine	A Nuclear Medicine	A Nuclear Medicine		
B Ultrasound	B Ultrasound	B Ultrasound	B Ultrasound		
C Magnetic Resonance	C Magnetic Resonance	C Magnetic Resonance	C Magnetic Resonance		
4T011 Medical Lab	4T031 Medical Lab	4T051 Medical Lab	4T071 Medical Lab	4T090 Medical Lab	4T000 Medical Lab
4T012 Histopathology	4T032 Histopathology	4T052 Histopathology	4T072 Histopathology		
4T013 Cytotechnology	4T033 Cytotechnology	4T053 Cytotechnology	4T073 Cytotechnology		
4U011 Orthotic	4U031 Orthotic	4U051 Orthotic	4U071 Orthotic	4U091 Orthotic	4U000 Orthotic
*4V011 Optometry	*4V031 Optometry	*4V051 Optometry	*4V071 Optometry	4V090 Optometry	4V000 Optometry
A Ophthalmology	A Ophthalmology	A Ophthalmology	A Ophthalmology		

DENTAL (4Y)					
Input or Helper Level	Apprentice or Semiskilled Level	Journeyman or Skilled Level	Craftsman or Advanced Level	Superintendent Level	Chief Enlisted Manager Level
4Y011 Dental Asst	4Y031 Dental Asst	4Y051 Dental Asst	4Y071 Dental Asst	4Y090 Dental	4Y000 Dental
4Y012 Dental Lab	4Y032 Dental Lab	4Y052 Dental Lab	4Y072 Dental Lab		
PARALEGAL (5J)					
Input or Helper Level	Apprentice or Semiskilled Level	Journeyman or Skilled Level	Craftsman or Advanced Level	Superintendent Level	Chief Enlisted Manager Level
5J011 Paralegal	5J031 Paralegal	5J051 Paralegal	5J071 Paralegal	5J091 Paralegal	5J000 Paralegal
CHAPLAIN SERVICE SUPPORT (5R)					
Input or Helper Level	Apprentice or Semiskilled Level	Journeyman or Skilled Level	Craftsman or Advanced Level	Superintendent Level	Chief Enlisted Manager Level
5R011 Chaplain Svc Support	5R031 Chaplain Svc Support	5R051 Chaplain Svc Support	5R071 Chaplain Svc Support	5R091 Chaplain Svc Support	5R000 Chaplain Svc Support
CONTRACTING (6C)					
Input or Helper Level	Apprentice or Semiskilled Level	Journeyman or Skilled Level	Craftsman or Advanced Level	Superintendent Level	Chief Enlisted Manager Level
6C011 Contracting	6C031 Contracting	6C051 Contracting	6C071 Contracting	6C091 Contracting	6C000 Contracting
FINANCIAL (6F)					
Input or Helper Level	Apprentice or Semiskilled Level	Journeyman or Skilled Level	Craftsman or Advanced Level	Superintendent Level	Chief Enlisted Manager Level
6F011 Financial Mgt & Comptroller	6F031 Financial Mgt & Comptroller	6F051 Financial Mgt & Comptroller	6F070 Financial Mgt & Comptroller	6F090 Financial Mgt & Comptroller	6F000 Financial Mgt & Comptroller
SPECIAL INVESTIGATIONS (7S)					
Input or Helper Level	Apprentice or Semiskilled Level	Journeyman or Skilled Level	Craftsman or Advanced Level	Superintendent Level	Chief Enlisted Manager Level
7S011 Special Investigations	7S031 Special Investigations		7S071 Special Investigations	7S091 Special Investigations	7S000 Special Investigations

\* AUTHORIZED FOR USE WITHOUT SHREDOUTS

SPECIAL DUTY IDENTIFIERS	
Identifier	Title
8A100	Career Assistance Advisor
8B000	Military Training Instructor
8B100	Military Training Leader
8C000	Family Support Center Superintendent
8D000	Linguist Debrief/Interrogator
8E000	Research & Development Technician
8F000	First Sergeant
8G000	USAF Honor Guard
8J000	Correctional Custody Supervisor
8M000	Postal
8P000	Courier
8P100	Defense Attaché
8R000	Recruiter
8T000	PME Instructor

AUTHORIZED PREFIXES	
Prefix	Title
A	Development Craftsman
B	B-2 Personnel
C	Flying Crew Chief
F	F-22
G	Automated Systems Programming Craftsman
J	Parachutist
K	Aircrew Instructor
N	Network Systems Administration
Q	Aircrew Standardization/Flight Examiner
R	Contingency/War Planner
T	Formal Training Instructor
U	Information Operations
V	Automated Functional Applications Analyst/Monitor
X	Aircrew

## REPORTING IDENTIFIERS

Identifier	Title
9A000	Enlisted Airman Awaiting Retraining - Disqualified for Reasons Beyond Control
9A100	Enlisted Airman Awaiting Retraining - Disqualified for Reasons Within Control
9A200	Enlisted Airman Awaiting Discharge, Sep, Retire for Reasons Within Their Control
9A300	Enlisted Airman Awaiting Discharge, Sep, Retire for Reasons Beyond Their Control
9C000	Chief Master Sergeant of the Air Force
9D000	Dormitory Manager
9E000	Senior Enlisted Advisor
9F000	First Term Airmen Center
9G000	Enlisted Aide
9J000	Prisoner
9L000	Interpreter/Translator
9P000	Patient
9R000	Civil Air Patrol (CAP)-USAF Reserve Assistant NCOs
9S100	Technical Applications Specialist
9T000	Basic Enlisted Airman
9T100	Officer Trainee
9T200	Precadet Assignee
9U000	Enlisted Airman Ineligible for Local Utilization
9U100	Unallotted Enlisted Authorization

### Extract from Attachment 3

#### Authorized Prefixes

Prefix	Title	Explanation																														
K	Aircrew Instructor	<p>Identifies positions on manpower documents and enlisted airmen serving in or qualified to serve in aircrew instructor positions.</p> <p>Affix prefix K to the duty AFSC when airmen are assigned to authorized prefix K positions and retain only so long as they are incumbents.</p> <p>Affix prefix K to the control AFSC when airmen are assigned to aircrew positions on flying status and retain only so long as they are incumbents.</p> <p>Award and affix the prefix to the awarded AFSC (P/2/3/4AFSC) when airmen demonstrate aircrew instructor qualification. Retain the prefix as long as airmen remain qualified whether or not they are on flying status.</p> <p>An enlisted airman must meet the following prerequisites for award of this prefix:</p> <ol style="list-style-type: none"> <li>1. Possess an AFSC authorized for use with this prefix.</li> <li>2. Perform satisfactorily in an authorized position requiring performance as an aircrew instructor.</li> <li>3. Meet physical standards for aircrew duty according to AFI 48-123, <i>Medical Examination and Standards</i>, Class III medical standards.</li> <li>4. Qualify for aviation service according to AFI 11-402, <i>Aviation and Parachutist Service, Aeronautical Ratings and Badges</i>.</li> </ol> <p>★Use prefix K with only the following AFSCs:</p> <table> <tr> <td>1A051/71/91/00</td><td>1A190/00</td><td>1A151B/71B</td></tr> <tr> <td>1A151C/71C</td><td>1A251/71/91/00</td><td>1A351/71/91/00</td></tr> <tr> <td>1A451/71/91/00</td><td>1A591/00</td><td>1A551/71</td></tr> <tr> <td>1A651/71/91/00</td><td>1A751/71/91/00</td><td>1A851X/71X/91/00</td></tr> <tr> <td>1C451/71</td><td>1N051/71/91</td><td>1N551/71/91</td></tr> <tr> <td>1T251/71/91/00</td><td>1W051/91/00</td><td>1W051A/71A</td></tr> <tr> <td>2A000</td><td>2A190</td><td>2A153/73</td></tr> <tr> <td>2A452/72</td><td>2A300</td><td>2A590</td></tr> <tr> <td>2A573/53</td><td>3V090/00</td><td>3V052/72</td></tr> <tr> <td>3V053/73</td><td>9S100</td><td></td></tr> </table>	1A051/71/91/00	1A190/00	1A151B/71B	1A151C/71C	1A251/71/91/00	1A351/71/91/00	1A451/71/91/00	1A591/00	1A551/71	1A651/71/91/00	1A751/71/91/00	1A851X/71X/91/00	1C451/71	1N051/71/91	1N551/71/91	1T251/71/91/00	1W051/91/00	1W051A/71A	2A000	2A190	2A153/73	2A452/72	2A300	2A590	2A573/53	3V090/00	3V052/72	3V053/73	9S100	
1A051/71/91/00	1A190/00	1A151B/71B																														
1A151C/71C	1A251/71/91/00	1A351/71/91/00																														
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1A651/71/91/00	1A751/71/91/00	1A851X/71X/91/00																														
1C451/71	1N051/71/91	1N551/71/91																														
1T251/71/91/00	1W051/91/00	1W051A/71A																														
2A000	2A190	2A153/73																														
2A452/72	2A300	2A590																														
2A573/53	3V090/00	3V052/72																														
3V053/73	9S100																															

Prefix	Title	Explanation																														
Q	Aircrew Standardization/ Flight Examiner	<p>Identifies positions on manpower documents and enlisted airmen serving in or qualified to serve in aircrew standardization/flight examiner position.</p> <p>Affix prefix Q to the duty AFSC when enlisted airmen are assigned to authorized prefix Q positions and retain only so long as they are incumbents.</p> <p>Affix prefix Q to the control AFSC when enlisted airmen are assigned to aircrew positions on flying status and retain only so long as they are incumbents.</p> <p>Award and affix the prefix to awarded AFSC (P/2/3/4AFSC) when enlisted airmen demonstrate aircrew standardization/flight examiner qualification. Retain the prefix as long as enlisted airmen remain qualified whether or not they are on flying status.</p> <p>An enlisted airman must meet the following prerequisites for award of this prefix:</p> <ol style="list-style-type: none"> <li>1. Possess an AFSC authorized for use with the prefix.</li> <li>2. Perform satisfactorily in an authorized position requiring performance as an aircrew standardization/flight examiner.</li> <li>3. Meet physical standards for aircrew duty according to AFI 48-123, Class III medical standards.</li> <li>4. Qualify for aviation service according to AFI 11-402, <i>Aviation and Parachutist Service, Aeronautical Ratings and Badges</i>.</li> </ol> <p>★Use prefix Q with only the following AFSCs:</p> <table> <tbody> <tr> <td>1A051/71/91/00</td><td>1A190/00</td><td>1A151B/71B</td></tr> <tr> <td>1A151C/71C</td><td>1A251/71/91/00</td><td>1A351/71/91/00</td></tr> <tr> <td>1A451/71/91/00</td><td>1A591/00</td><td>1A551/71</td></tr> <tr> <td>1A651/71/91/00</td><td>1A751/71/91/00</td><td>1A851X/71X/91/00</td></tr> <tr> <td>1C451/71</td><td>1N051/71/91</td><td>1N551/71/91</td></tr> <tr> <td>1T251/71/91/00</td><td>1W051/91/00</td><td>1W051A/71A</td></tr> <tr> <td>2A000</td><td>2A190</td><td>2A153/73</td></tr> <tr> <td>2A452/72</td><td>2A300</td><td>2A590</td></tr> <tr> <td>2A573/53</td><td>3V090/00</td><td>3V052/72</td></tr> <tr> <td>3V053/73</td><td>9S100</td><td></td></tr> </tbody> </table>	1A051/71/91/00	1A190/00	1A151B/71B	1A151C/71C	1A251/71/91/00	1A351/71/91/00	1A451/71/91/00	1A591/00	1A551/71	1A651/71/91/00	1A751/71/91/00	1A851X/71X/91/00	1C451/71	1N051/71/91	1N551/71/91	1T251/71/91/00	1W051/91/00	1W051A/71A	2A000	2A190	2A153/73	2A452/72	2A300	2A590	2A573/53	3V090/00	3V052/72	3V053/73	9S100	
1A051/71/91/00	1A190/00	1A151B/71B																														
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3V053/73	9S100																															



Prefix	Title	Explanation
U	Information Operations (Created 31 Oct 99)	<p>Prefix U identifies positions on manpower documents and enlisted airmen serving in, or qualified to serve in, or receiving formal training to qualify to serve in positions requiring Information Operations (IO) expertise and knowledge of:</p> <p>Information-In-Warfare (intelligence, surveillance, and reconnaissance [ISR]; precision navigation and positioning; weather, and other information dissemination activities);</p> <p>Conducting information warfare (IW) operations (offensive and defense counterinformation); and,</p> <p>Integrating and coordinating these disciplines at the Headquarters USAF (HAF), Major Command (MAJCOM), or Numbered Air Force (NAF) level positions.</p> <p>★<i>NOTE:</i> Use of this prefix on manpower documents is restricted solely to authorizations in HAF, MAJCOM and NAF positions.</p> <p>Enlisted personnel performing these duties are involved in processes and functions to gain, exploit, defend, and attack information and information systems. They are familiar with IO doctrine, structure, and procedures, including threats, legal issues, ISR assets and capabilities, and national, DoD, and Service organizations and functions. They also manage the distribution of products and services to Air Force Forces (AFFOR) and Joint Force Air Component Commanders (JFACC).</p> <p>Affix prefix U to the duty and control AFSCs when enlisted airmen are assigned to authorized prefix U positions and retain only so long as they are incumbents.</p> <p>Affix prefix U to the control AFSC when enlisted airmen are assigned to prefix U positions or enter a formal training course leading to an IO assignment. If an airman fails to complete training, then withdraw the prefix from the control AFSC. Retain the prefix only so long as they are incumbents of prefix U positions.</p> <p>Award and affix the prefix to the awarded AFSC (P/2/3/4 AFSC) when enlisted airmen demonstrate Information Operations qualification. Retain the prefix as long as enlisted airmen remain qualified.</p> <p>★An enlisted airman must possess the following prerequisites for award of this prefix:</p> <ol style="list-style-type: none"> <li>1. Possess an AFSC authorized for used with the prefix.</li> <li>2. Successful completion of the Air Intelligence Agency (AIA) IO Integration Course (IOIC) (PDS code FIX),</li> </ol> <p>Or;</p>

Prefix	Title	Explanation
U	Continued	<p>3. 18 months of accumulated IO related experience (or 11 months of in-theater IW-related experience), prior to 31 Dec 00, in positions requiring integration of multiple IO-related tasks to achieve information superiority and commander's recommendation.</p> <p><b>NOTE:</b> This provision includes Air Force Computer Emergency Response Team (AFCERT) personnel, former 609 IW Squadron personnel, former members of an IW Support Team, former members of the Joint IO Center (JIOC), some members of the AF IW Center, and personnel previously assigned to a position requiring integration of multiple IO-related tasks to achieve a state of information superiority.</p> <p>★1NXXX    2EXXX    3A0XX    3CXXX    3NXXX    8D000 9S100</p>

Prefix	Title	Explanation																																												
X	Aircrew	<p>Identifies positions on manpower documents and airmen serving in or qualified to serve in aircraft crew positions.</p> <p>Affix prefix X to the duty AFSC when airmen are assigned to aircrew positions on flying status and retained only so long as they are incumbents.</p> <p>Affix prefix X to the control AFSC when airmen are assigned to aircrew positions on flying status and retained only so long as they are incumbents.</p> <p>Award and affix the prefix to the awarded AFSC (P/2/3/4AFSC) when airmen demonstrate aircrew qualification. Retain the prefix as long as airmen remain qualified, whether or not they are on flying status.</p> <p>An enlisted airman must meet the following prerequisites for award of this prefix:</p> <ol style="list-style-type: none"><li>1. Possess an AFSC authorized for use with this prefix.</li><li>2. Perform satisfactorily in an authorized aircrew position requiring participation in frequent and regular aerial flights, or be a graduate of a formal training course leading to qualification in aircrew duties.</li><li>3. Meet physical standards for aircrew duty according to AFI 48-123, <i>Medical Examination and Standards</i>, Class III medical standards.</li><li>4. Qualify for aviation service according to <i>AFI 11-402, Aviation and Parachutist Service, Aeronautical Ratings and Badges</i>.</li></ol> <p>★Use prefix X with only the following AFSCs:</p> <table><tr><td>1C351/71/91/00</td><td>1C451/71</td><td>1N051/71/91/00</td><td>1N151/71/91</td></tr><tr><td>1N2X1/00</td><td>1N4X1</td><td>1N551/71/</td><td>1N591/00</td></tr><tr><td>1N6X1/00</td><td>1T2X1/00</td><td>1W0X1/00</td><td>1W031A</td></tr><tr><td>1W051A</td><td>1W071A</td><td>2A000</td><td>2A071</td></tr><tr><td>2A190</td><td>2A1X2/X3</td><td>2A371</td><td>2A4X1/X2</td></tr><tr><td>2A590</td><td>2A551J/K/L</td><td>2A5X3</td><td>2A600</td></tr><tr><td>2A571</td><td>2A690/92</td><td>2A6X6</td><td>2E190</td></tr><tr><td>2E1X1/X2</td><td>2E231B/51B</td><td>2E3X1</td><td>2M0X1</td></tr><tr><td>2M032/52/72</td><td>3A000</td><td>3A051/71/91</td><td>3C052/72</td></tr><tr><td>3V090/00</td><td>3V052/72</td><td>3V053/73</td><td>4N091/00</td></tr><tr><td>4N031/51/71</td><td>8E000</td><td>9L000</td><td>9S100</td></tr></table>	1C351/71/91/00	1C451/71	1N051/71/91/00	1N151/71/91	1N2X1/00	1N4X1	1N551/71/	1N591/00	1N6X1/00	1T2X1/00	1W0X1/00	1W031A	1W051A	1W071A	2A000	2A071	2A190	2A1X2/X3	2A371	2A4X1/X2	2A590	2A551J/K/L	2A5X3	2A600	2A571	2A690/92	2A6X6	2E190	2E1X1/X2	2E231B/51B	2E3X1	2M0X1	2M032/52/72	3A000	3A051/71/91	3C052/72	3V090/00	3V052/72	3V053/73	4N091/00	4N031/51/71	8E000	9L000	9S100
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**DEFENSE ATTACHÉ**  
**(Changed 30 Apr 97)**

**1. Specialty Duty Summary.** Manages and maintains Defense Attaché Office (DAO) budget and fiscal data, maintains DAO information files, coordinates United States (US) Naval ship visits and US military aircraft over-flight and landing clearances with host country officials, coordinates office support requirements with embassy officials, and performs office administrative and support duties according to Defense Intelligence Agency (DIA) standards. Related DoD Occupational Subgroup: 510.

**2. Duties and Responsibilities:**

2.1. Maintains DAO budget and fiscal data. Prepares and submits the DAO budget according to DIA regulations and guidance provided by the embassy budget and fiscal officer. Projects budget requirements for DAO rental housing; house furnishings; and purchases and maintenance of vehicles, travel, and salaries of US civilian and foreign nationals employed by DAO.

2.2. Maintains DAO reporting requirements. Submits and updates information reports. Maintains the master suspense file for all DAO information reporting and updates reporting requirements directed by higher headquarters. Prepares, edits, and types information reports for attaches. Maintains central research files. Provides feedback to attaches on quantity and quality of their information reporting. Maintains information reporting statistics.

2.3. Coordinates US naval ship visits and US military aircraft over-flight and landing clearances with host country officials. Obtains diplomatic clearance for ship visits and aircraft over-flights and landings from the host government. Provides briefings to US ship and aircrew members concerning host country immigration, laws, customs, and courtesies. Arranges for lodging and transportation, provides information on local tours, sporting events, and community relations projects for crews. Arranges for handling of US military aircraft at host country's civilian airfields (includes aircraft services such as fuel, power carts, lighting, and security). Arranges for handling of US Naval vessels at host country ports (including food, water, and banking services).

2.4. Coordinates DAO support requirements with embassy officials. Procures housing, house furnishings, and official vehicles for DAO personnel. Arranges shipping of privately owned vehicles and household goods; obtains passports and visas. Purchases office supplies.

2.5. Performs DAO administrative duties. Maintains correspondence files, forms, technical orders, and publication accounts. Prepares, types, edits, and dispatches office correspondence. Conducts personnel and financial actions for assigned military and civilian personnel, to include coordinating with embassy officials and representatives of various US military services.

**3. Special Duty Qualifications:**

3.1. Knowledge. Not used.

3.2. Education. For entry into this SDI, completion of high school or general educational development equivalency is mandatory.

3.3. Training. For retention of this SDI, completion of training with the Joint Military Attaché School in Washington, D.C. is mandatory.

3.4. Experience. Not used.

3.5. Other. The following are mandatory as indicated:

3.5.1. For entry into this SDI:

3.5.1.1. Be an E-5, 7-skill level, or above.

3.5.1.2. No record of military or civilian convictions (except minor traffic violations).

3.5.1.3. No record of disciplinary action or financial irresponsibility.

3.5.1.4. Minimum typing ability of 35 words per minute.

3.5.1.5. See attachment 39 for additional mandatory entry requirements.

3.5.2. For entry, award, and retention of this SDI, eligibility for a Top Secret security clearance according to AFI 31-501, *Personnel Security Program Management*.

**★NOTE:** Award of this SDI without a final Top Secret (TS) clearance is authorized provided an interim TS has been granted according to AFI 31-501.

**CEM Code 1A000**  
**AFSC 1A091, Superintendent**  
**AFSC 1A071, Craftsman**  
**AFSC 1A051, Journeyman**  
**AFSC 1A031, Apprentice**  
**AFSC 1A011, Helper**

## **IN-FLIGHT REFUELING**

**1. Specialty Summary.** Performs in-flight refueling aircrew functions and activities according to flight manuals, checklists, and United States Air Force publications. Related DoD Occupational Subgroup: 050.

### **2. Duties and Responsibilities:**

2.1. Performs in-flight refueling aircrew duties. Checks forms for equipment status. Performs visual and operational check of air refueling and associated systems and equipment. Performs preflight, through-flight, and postflight inspections. Accomplishes preflight and postflight records and reports. Performs in-flight operational check of air refueling systems. Directs receiver aircraft into air refueling position. Operates in-flight boom controls and switches to safely affect contact between tanker and receiver aircraft. Monitors control panel for proper operation of equipment during air refueling, and advises receiver pilot of actions required to safely maintain position within the air-refueling envelope. Keeps tanker pilot informed as to progress of air refueling operations. Performs emergency operations and procedures as required for emergency off-load and on-load of fuel. Pre-flights periscopic sextant, and assists navigator in making celestial observations.

2.2. Computes and applies weight and balance data, procedures, and techniques. Ascertains fuel, personnel, cargo, and emergency and special equipment weight and distribution to compute aircraft weight and balance. Ensures aircraft is properly loaded within safe operating limits, and applies weight and balance data in computing takeoff and landing data. Completes weight and balance forms for flight. Prepares loading plans, directs cargo loading, and inspects aircraft load to ensure weight and balance status of aircraft. Ensures adequate safety equipment and passenger comfort items are on board aircraft. Performs jumpmaster duties, and instructs passengers in use of emergency equipment and emergency procedures.

### **3. Specialty Qualifications:**

3.1. Knowledge. Knowledge is mandatory of: electrical and mechanical principles applying to aircraft and related systems; flight theory; aircraft electrical, hydraulic, and pneumatic systems applying to in-flight refueling system; basic and celestial navigation procedures; preparing and using navigational charts; normal and emergency operation of aircraft refueling systems; flying directives; weight and balance factors; cargo tie-down techniques; minor in-flight maintenance; using personal equipment and oxygen; communication and aircraft emergency procedures; and using and interpreting diagrams, loading charts, technical publications, and flight manuals.

3.2. Education. For entry into this specialty, completion of high school with courses in physics and mathematics is desirable.

3.3. Training. For award of AFSC 1A031, completion of a combat crew training school course is mandatory.

3.4. Experience. The following are mandatory for award of the AFSC indicated:

3.4.1. 1A051. Qualification in and possession of AFSC 1A031. Also, experience performing functions such as: inspecting, operating, and troubleshooting in-flight refueling systems; preparing loading plans; loading and unloading aircraft; and instructing passengers in the use of emergency equipment and procedures.

3.4.2. 1A071. Qualification in and possession of AFSC 1A051. Also, experience performing or supervising functions such as: inspecting, operating, and troubleshooting in-flight refueling systems; preparing loading plans; loading and unloading cargo on aircraft; and instructing passengers in the use of emergency equipment and procedures.

3.4.3. 1A091. Qualification in and possession of AFSC 1A071. Also, experience in directing functions pertaining to in-flight refueling operator activities.

3.5. Other. The following qualifications are mandatory as indicated:

3.5.1. For entry into these AFSC:

3.5.1.1. See attachment 39 for additional mandatory entry requirements.

3.5.2. For entry, award, and retention of these AFSCs:

3.5.2.1. Physical qualification for in-flight refueling operation duty according to AFI 48-123 *Medical Examination and Standards*.

3.5.2.2. Qualification for aviation service according to AFI 11-401, *Aviation and Parachutist Service, Aeronautical Ratings and Badges*.

3.5.3. For award and retention of AFSCs 1A031/51/71/91/00, eligibility for a Top Secret security clearance according to AFI 31-501, *Personnel Security Program Management*.

**★NOTE:** Award of the 3-skill level without a final Top Secret (TS) clearance is authorized provided an interim TS has been granted according to AFI 31-501.

**CEM Code 1A300**  
**AFSC 1A391, Superintendent**  
**AFSC 1A371, Craftsman**  
**AFSC 1A351, Journeyman**  
**AFSC 1A331, Apprentice**  
**AFSC 1A311, Helper**

**AIRBORNE COMMUNICATIONS SYSTEMS**  
**(Changed 31 Oct 00)**

**1. Specialty Summary.** Operates transmitting and receiving equipment on airborne platforms to conduct air-to-ground and air-to-air communications; and operates airborne electronic reconnaissance equipment. Performs preflight and postflight inspections of flight director, navigation, and weather radar systems, and all airborne communications systems. Supervises airborne communications systems operations. Related DoD Occupational Subgroup: 201.

**2. Duties and Responsibilities:**

2.1. Performs aircrew duties. Analyzes airborne communications records, technical reports, frequencies, and connectivity reports. Ensures in-flight communications.

2.2. Performs communications systems inspection before and after airborne communications missions. Inspects and operates airborne communications and navigation equipment and associated systems. Discusses findings with maintenance personnel, and recommends corrective action. Reviews inspection reports submitted by other activities, and initiates corrective action. Performs aircraft preflight, in-flight, and postflight inspections. Troubleshoots and isolates airborne communications and navigation equipment malfunctions. Operates and supervises operation of aircraft secure voice equipment; secure and non-secure teletype equipment; data link equipment; radio relay equipment; satellite communications equipment; airborne unconventional warfare systems; multiplex equipment; recording equipment; electronic countermeasures equipment; high frequency, very high frequency, ultra high frequency, extremely high frequency, super high frequency, low frequency, very low frequency, and frequency modulation systems; international Morse code; and navigation systems; weather radar, flight director systems, inertial navigation system, and Doppler systems.

2.3. Supervises airborne communications systems operations. Checks methods used in transmitting, receiving, and recording airborne communications signals. Conducts communications briefings. Determines training requirements. Supervises communications activities.

2.4. Manages airborne communications systems operations. Plans and conducts conferences and classes in operating methods. Manages communications activities. Resolves problems encountered by communications personnel. Ensures mission objectives regarding personnel adequacy, equipment status, and operating efficiency are attained. Establishes operational and training policies.

2.5. Plans, organizes, and directs airborne communications activities. Determines and provides for using and controlling space, equipment, time, and supplies. Determines and distributes plans required to operate each communications team, and for specific duties and positions.

**3. Specialty Qualifications:**

3.1. Knowledge. Knowledge is mandatory of: functions and operation of airborne communications systems equipment; worldwide communications procedures; direction-finding procedures; and multiplex switchboard, teletype, voice, and international Morse code procedures.

3.2. Education. For entry into this specialty, completion of high school with courses in typing, speech, and English is desirable.

3.3. Training. For award of AFSC 1A331, completion of the airborne communications systems operator course is mandatory.

3.4. Experience. The following experience is mandatory for award of the AFSC indicated:

3.4.1. 1A351. Qualification in and possession of AFSC 1A331. Also, experience in operating airborne communications equipment and associated systems.

3.4.2. 1A371. Qualification in and possession of AFSC 1A351. Also, experience performing or supervising functions such as airborne communications systems operation.

3.4.3. 1A391. Qualification in and possession of AFSC 1A371. Also, experience managing airborne communications operations.

3.5. Other. The following are mandatory as indicated:

3.5.1. For entry into this specialty:

3.5.1.1. See attachment 39 for additional mandatory entry requirements.

3.5.2. For entry, award, and retention of these AFSCs:

3.5.2.1. Qualification for aviation service according to AFI 11-402, *Aviation And Parachutist Service, Aeronautical Ratings and Badges*.

3.5.3.2. Physical qualification for aircrew duty according to AFI 48-123, *Medical Examination and Standards, Class III Medical Standards*.

3.5.4. For entry, award, and retention of AFSCs 1A311/31/51/71, physical qualification for voice communications operations.

3.5.5. For award of AFSC 1A331, ability to type at a minimum rate of 25 words per minute.

3.5.6. For award and retention of AFSCs 1A331/51/71/91/00, eligibility for a Top Secret security clearance according to AFI 31-501, *Personnel Security Program Management*.

★**NOTE:** Award of the 3-skill level without a final Top Secret (TS) clearance is authorized provided an interim TS has been granted according to AFI 31-501.

**CEM Code 1A600**  
**AFSC 1A691, Superintendent**  
**AFSC 1A671, Craftsman**  
**AFSC 1A651, Journeyman**  
**AFSC 1A631, Apprentice**  
**AFSC 1A611, Helper**

**FLIGHT ATTENDANT**  
**(Established 31 Oct 00)**

**1. Special Duty Summary.** Provides for safety of passengers. Plans, coordinates, and manages cabin duties. Performs aircrew functions. Manages flight attendant activities and related duties. Related DoD Occupational Subgroup: 050.

**2. Duties and Responsibilities:**

2.1. Provides for passenger safety during aircraft operations. Demonstrates and maintains proficiency in emergency equipment use, emergency procedures, and egress. Briefs passengers. Responsible for orderly expeditious evacuation of passengers and crew. Provides emergency medical assistance.

2.2. Performs preflight, through-flight, and post flight inspections of aircraft emergency, cabin, and galley equipment. Operates aircraft systems and equipment such as electrical, interphone, doors, exits. Responsible for cleanliness of aircraft interior away from home station.

2.3. Provides for passenger comfort during aircraft operations. Plans all menus and coordinates meal requirements. Purchases required foodstuffs and supplies to serve meals and beverages. Stores and preserves food items. Provides cabin service and monitors passengers in-flight.

2.4. Supervises loading and off-loading of aircraft. Validates passenger manifest. Performs passenger and baggage inspections. Supervises loading and unloading of baggage. Applies restraint devices such as straps and nets to prevent shifting during flight. Ensures access to escape exits.

2.5. Prepares and checks forms, records, and documents. Prepares records and documents including cash collection forms. Provides guidance on foreign clearance requirements; such as immunizations, customs, and courtesies, entry and departure procedures, and necessary documentation. Prepares aircraft border clearance forms and assists passengers and crew with individual clearance requirements. Inventories supplies and equipment.

2.6. Manages flight attendant activities. Administers qualification flights for flight attendant duties. Discusses findings and recommends corrective action. Coordinates flight attendant activities. Resolves operational problems.

**3. Special Duty Qualifications:**

3.1. Knowledge. Knowledge is mandatory of: normal and emergency aircraft procedures, emergency equipment location and use, first aid, galley equipment, food handling, dispensing food and beverages aboard aircraft, customer service and relations, communications, technical publications and flying directives, border agency clearance.

3.2. Education. For entry into this specialty, completion of high school with courses in home economics, customer service, and speech are desirable.

3.3. Training. For award of AFSC 1A631, completion of the Flight Attendant course is mandatory.

3.4. Experience. The following experience is mandatory for award of AFSC indicated:

3.4.1. 1A651. Qualification in and possession of AFSC 1A631. Also, experience in mission planning and management, culinary skills, supervising flight attendant activities.

3.4.2. 1A671. Qualification in and possession of AFSC 1A651. Also, experience managing flight attendant activities.

3.4.3. 1A691. Qualification in and possession of AFSC 1A671. Also, experience in directing flight attendant activities, analyzing and interpreting directives.

3.5. Other. The following are mandatory as indicated:

3.5.1. See attachment 39 for additional mandatory entry requirements.

3.5.2. The following are mandatory for entry, award, and retention of these AFSCs:

3.5.2.1. Physical qualification for aircrew duty according to AFI 48-123, *Medical Examination and Standards*, Class III medical standards.

3.5.2.2. Qualification for aviation service according to AFI-11-402, *Aviation and Parachutist Service, Aeronautical Ratings and Badges*.



3.5.2.3. Eligibility for Top Secret clearance according to AFI 31-501, *Personnel Security Management Program*.

★**NOTE:** Award of the 3-skill level without a final Top Secret (TS) is authorized provided an interim TS has been granted according to AFI 31-501.

3.5.2.4. Prior qualification in any AFSC at the 5-skill level, (3 level if no 5 level).

3.5.2.5. Minimum age of 21.

3.5.2.6. The ability to speak clearly and distinctly.

3.5.2.7. Qualification to operate government vehicles according to AFI 24-301, *Vehicle Operations*.

CEM Code 1A800  
AFSC 1A891, Superintendent  
AFSC 1A871\*, Craftsman  
AFSC 1A851\*, Journeyman  
AFSC 1A831\*, Apprentice  
AFSC 1A811\*, Helper

**★AIRBORNE CRYPTOLOGIC LINGUIST**  
(Established 30 Apr 01)

**★1. Specialty Summary.** Operates, evaluates, and manages airborne signals intelligence information systems and operations activities. Performs and supervises identification, acquisition, recording, translating, analyzing, and reporting of assigned voice communications. Provides signals intelligence threat warning support and interfaces with other units. Performs and assists in mission planning. Maintains publications and currency items. Maintains and supervises communication nets. Transcribes, processes, and conducts follow-up analysis of assigned communications. Related DoD Occupational Subgroup: 232.

**★2. Duties and Responsibilities:**

2.1. Processes signal intelligence information. Operates airborne signals intelligence systems and mission equipment. Uses radio receivers, recording equipment, operator workstations and related equipment. Tunes receivers to prescribed frequencies. Performs frequency search missions over specified portions of radio spectrums. Monitors, records, complies, and examines signals intelligence information. Translates, evaluates, and reports on assigned communications. Records and correlates data and performs preliminary analysis. Identifies and analyzes traffic for reportable significance. Improves and analytical methods and procedures and maximizes operational effectiveness. Compiles operational data for mission reports.

2.2. Provides signal intelligence information support. Compares displays and data with in-flight signal intelligence data and database files. Performs and assists in mission planning and developing air tasking orders. Displays, records, and distributes operational information. Receives, transmits, and relays encoded and decoded messages. Uses coordinate reference systems. Coordinates mission profile requirements. Record special interest mission information. Maintains status of mission aircraft, targets, and air tasking order information. Monitors employment of assigned air assets and operations.

2.3. Provides threat warning support. Provides support for friendly air forces to intercept, identify, and engage airborne, ground, and maritime targets. Provides threat warning information to aircrews and other agencies. Coordinates with airborne, ground, and maritime agencies to distribute and relay operational threat and identification data. Transmits identification and other mission information.

2.4. Coordinates and exchanges identification information. Coordinates with aerospace rescue and recovery services and operations. Maintains liaison with reporting agencies required for mission execution.

2.5. Manages mission activities. Manages standardization, qualification, reports, records, and other requirements. Ensures accuracy, completeness, format, and compliance with current directives and mission system performance engineering, preventive maintenance programs, and aircrew procedures.

2.6. Performs aircrew duties. Demonstrates and maintains proficiency in emergency equipment use and procedures, and egress. Performs pre-flight, through-flight, and post-flight inspections. Operates aircraft systems and equipment, such as electrical, interphone, doors, and exits. Performs preventive maintenance on mission equipment. Ensures equipment and resources are externally clean, functional, and free from safety hazard. Reports malfunctions and observations. Supervises loading and off-loading of classified material and personal aircrew gear. Applies restraint devices, such as straps and nets, to prevent shifting during flight. Ensures access to escape exits.

2.7. Maintains technical aids, logs, and records. Compiles and maintains operation records and statistics. Ensures logs, forms, and correspondence are properly completed, annotated, and distributed. Monitors and maintains working aids, and analytical references.

**★3. Specialty Qualifications:**

3.1. Knowledge. Knowledge is mandatory of: a designated language; role and purpose of cryptologic support operations; joint service relationships and operational concepts; organization of national intelligence structure; tasking strategies; radio communications operations theory; communications techniques; operation of acquisition, recording, and processing equipment; communications networks; formats, terminology, and theory of traffic analysis; organization of designated military forces; geography, reporting principles, procedures, and format; procedures for processing and distributing intelligence data; functions and operations of electronic equipment; basic computer operations, and methods for handling, distributing, and safeguarding information.

- 3.2. Education. For entry into this specialty, completion of high school or general educational development equivalency is mandatory. Also, completion of courses in foreign languages, mathematics, keyboarding, and computers is desirable.
- 3.3. Training. For award of AFSC 1A831X, completion of a designated airborne cryptologic linguist course is mandatory.
- 3.4. Experience. The following experience is mandatory for award of the AFSC indicated:
- 3.4.1. 1A851X. Qualification in and possession of AFSC 1A831X. Also, experience performing airborne cryptologic linguist functions.
- 3.4.2. 1A871X. Qualification in and possession of AFSC 1A851X. Also, experience performing or supervising airborne cryptologic linguist activities.
- 3.4.3. 1A891. Qualification in and possession of AFSC 1A871X. Also, experience managing supervising airborne cryptologic linguist activities and resources.
- 3.5. Other. The following are mandatory as indicated:
- 3.5.1. For entry into this specialty:
- 3.5.1.1. No record or history of temporomandibular joint pain or disorder.
- 3.5.1.2. A minimum score of 95 for language difficulty categories I, II, and III and a minimum score of 100 for language difficulty category IV on the Defense Language Aptitude Battery; or demonstrated proficiency in a designated language.
- 3.5.1.3. See attachment 39 for additional mandatory entry requirements.
- 3.5.2. For entry, award, and retention of these AFSCs:
- 3.5.2.1. Physical qualification for aircrew duty according to AFI 48-123, *Medical Examination and Standards*, Class III medical standards.
- 3.5.2.2. Qualification for aviation service according to AFI 11-402, *Aviation and Parachutist Service, Aeronautical Ratings and Badges*.
- 3.5.3. For award and retention of AFSCs 1A831X/51X/71X/91/00:
- 3.5.3.1. Eligibility for a Top Secret security clearance according to AFI 31-501, *Personnel Security Program Management*, and for sensitive compartmented information access.
- NOTE:** Award of the 3-skill level without a final Top Secret (TS) is authorized provided an interim TS has been granted according to AFI 31-501.
- 3.5.3.2. Ability to aurally comprehend, read, and write a designated language with practical fluency.
- 3.5.3.3. Ability to type at a rate of 25 words per minute.

#### ★4. Specialty Shredouts:

<i>Suffix</i>	<i>Portion of AFSC to Which Related</i>
A.....	Germanic
B.....	Romance
C.....	Slavic
D .....	Far East
E .....	Mid East

**NOTE:** See AFI 36-2605, *Air Force Military Personnel Testing System*, for a complete listing of specific foreign language codes.

CEM Code 1C000  
AFSC 1C092, Superintendent  
AFSC 1C072, Craftsman  
AFSC 1C052, Journeyman  
AFSC 1C032, Apprentice  
AFSC 1C012, Helper

## OPERATIONS RESOURCE MANAGEMENT (Changed 30 Apr 01)

★1. **Specialty Summary.** Performs and manages aircrew and parachutist resource management functions related to scheduling, standardization and evaluation, flying and ground training, flight records, and squadron operations. Operates and maintains the Air Force operations resource management system (AFORMS). Related DoD Occupational Subgroup: 556.

★2. **Duties and Responsibilities:**

2.1. Interprets public law, plans, organizes, and directs aircrew and parachutist resource activities. Reviews mission accomplishment reports for accuracy. Initiates actions to support flight management policies and procedures, and conducts aircrew interviews. Prepares and processes aeronautical orders and military pay orders.

2.2. Performs aircrew and parachutist resource management functions. Monitors flight physicals, physiological training, aircrew qualifications, and other aircrew and parachutist-related programs. Schedules aircrew training and aircraft sorties, and maintains mission information. Prepares flight authorizations, and monitors individual flight requirements and unit flying hours.

2.3. Maintains control and accountability for AFORMS data. Advises on matters pertaining to aircrew resource management systems.

2.4. Inspects and evaluates production and maintenance of flight records, files, and reports. Evaluates completed work and group performance. Ensures functional directives are accurate and complete. Reviews operations resource management procedures and recommends changes. Reviews trend analysis.

★3. **Specialty Qualifications:**

3.1. Knowledge. Knowledge is mandatory of: rated, career enlisted aviators, nonrated, operational support, and parachutist duty classifications and flight management policies; aircrew and parachutist continuation and qualification training and upgrade; flying hour and flying incentive pay.

3.2. Education. For entry into this specialty, completion of high school with courses in oral communications and computer operations is desirable.

3.3. Training. For award of AFSC 1C032, completion of the basic operations resource management course is mandatory.

3.4. Experience. The following experience is mandatory for award of the AFSC indicated:

3.4.1. 1C052. Qualification in and possession of AFSC 1C032. Also, experience in functions such as scheduling aircrew training, and aircraft sorties, host operations, or squadron operations functions.

3.4.2. 1C072. Qualification in and possession of AFSC 1C052. Also, experience in performing or supervising functions such as aircrew scheduling, flight records maintenance, or maintaining AFORMS.

3.4.3. 1C092. Qualification in and possession of AFSC 1C072. Also, experience in preparing and interpreting aircrew and parachutist resource management policies and directives.

3.5. Other:

3.5.1. The following are mandatory as indicated:

3.5.1.1. See attachment 39 for additional mandatory entry requirements

3.5.1.2. Eligibility for a Secret security clearance according to AFI 31-501, *Personnel Security Program Management*, is mandatory for award and retention of AFSCs 1C032/52/72/92/00.

3.5.1.3. Ability to speak distinctly is mandatory for entry, award, and retention of these AFSCs.

**CEM Code 1C300**  
**AFSC 1C391, Superintendent**  
**AFSC 1C371, Craftsman**  
**AFSC 1C351, Journeyman**  
**AFSC 1C331, Apprentice**  
**AFSC 1C311, Helper**

**COMMAND POST**  
**(Changed 30 Apr 01)**

**★1. Specialty Summary.** Manages and performs activities within command posts (CP), operations centers, rescue coordination centers, and command centers. Provides command, control, communications, and information support. Receives and relays command and control (C2) instructions and records, and collects, processes, and submits manual and automated data products. Establishes procedures for operational reports, readiness reports, and the Status of Resources and Training System (SORTS) report. Reports international treaty compliance information. Uses communications systems and consoles to affect positive control of assigned forces and weapons systems. Ensures compliance with CP policies and procedures. Related DoD Occupational Subgroup: 250.

**★2. Duties and Responsibilities:**

2.1. Performs nuclear C2 actions in the execution phase of Emergency War Orders, and directs conventional C2 actions supporting Emergency Plans, Operations Orders, and Operations Plans. Relays C2 instructions for launch, execution, diversion, recall, evacuation, recovery, recycle, and reconstitution of forces. Coordinates and executes search and rescue activities. Receives, processes, and disseminates emergency action messages via voice and record copy. Coordinates with other agencies and organizations during planning, executing, and evaluation phases of CP operations. Initiates, receives, and takes action on alert messages. Flight-follows aerospace resources and monitors mission status. Ensures proper use and control of resources and classified material. Develops and evaluates CP processes. Ensures operational readiness and adherence to standards. Recommends actions to correct CP deficiencies. Maintains and disseminates local and worldwide forecasts and current weather. Ensures existing directives for executing and controlling assigned forces are understood and properly applied.

2.2. Prepares and submits operational, readiness, and SORTS reports. Analyzes and disseminates information derived from operational and readiness reports. Develops operational reporting procedures. Manages base-wide SORTS program. Develops procedures, maintains databases, trains personnel, and conducts staff assistance visits. Ensures SORTS data is current and accurate. Monitors and reports information on international treaty requirements and aerospace assets. Reports aerospace mission readiness and disposition of forces information.

2.3. Operates and monitors voice, data, and alerting systems. Develops, maintains, and initiates quick reaction checklists supporting situations such as suspected or actual sabotage, nuclear incidents, natural disasters, aircraft accidents or incidents, evacuations, dispersal, and aerospace anomalies. Maintains operational status displays. Maintains proficiency in Theater Battle Management Core Systems (TBMCS) and aircraft flight following systems. Establishes staffing, communications, and facility requirements.

2.4. Maintains and provides Communications Security (COMSEC) to include receiving, safeguarding, utilizing, inventorying, and destroying COMSEC material. Maintains CP security, and performs entry control and escort procedures.

2.5. Performs administrative actions. Compiles and maintains entry authority list. Maintains International Civil Aviation Organization document and posts changes to the foreign clearance guide. Coordinates and provides input to base support plans.

**3. Specialty Qualifications:**

3.1. Knowledge. Knowledge is mandatory of: Air Force organization and administration; CP supporting data systems and reporting; automated data processing equipment use, capabilities, and limitations; techniques of presenting data; data collection procedures and summary techniques; purpose of command post for preparing, executing, and controlling assigned forces; emergency actions and directives; command weapon systems movement and transfer procedures; and encode, decode, and authorization procedures used by command of assignment.

3.2. Education. For entry into this specialty, completion of high school is desirable.

★3.3. Training. For award of the AFSC 1C331, completion of the CP initial skills course is mandatory.

3.4. Experience. The following experience is mandatory for award of the AFSC indicated:

★3.4.1. 1C351. Qualification in and possession of AFSC 1C331. Also, experience in functions such as handling automated operational data, controlling input and output data from automated CP systems using data processing devices, data coding methods, and communication operations.

3.4.2. 1C371. Qualification in and possession of AFSC 1C351. Also, experience performing or supervising functions of CP operations.

3.4.3. 1C391. Qualification in and possession of AFSC 1C371. Also, experience managing and directing CP functions.

3.5. Other. The following are mandatory as indicated:

3.5.1. For entry into this specialty:

3.5.1.1. Normal color vision as defined in AFI 48-123, *Medical Examination and Standards*.

3.5.1.2. See attachment 39 for additional mandatory entry requirements.

3.5.2. For entry, award, and retention of these AFSCs:

3.5.2.1. Continued demonstration of mental and emotional stability.

3.5.2.2. Ability to speak clearly and distinctly.

3.5.3. For award and retention of AFSC 1C331/51/71/91/00, eligibility for a Top Secret security clearance according to AFI 31-501, *Personnel Security Program Management*.

★**NOTE:** Award of the 3-skill level without a final Top Secret clearance is authorized provided an interim TS has been granted according to AFI 31-501.

**CEM Code 1N000**  
**AFSC 1N091, Superintendent**  
**AFSC 1N071, Craftsman**  
**AFSC 1N051, Journeyman**  
**AFSC 1N031, Apprentice**  
**AFSC 1N011, Helper**

## **INTELLIGENCE APPLICATIONS**

**(Changed 31 Oct 00)**

**1. Specialty Summary.** Performs and manages intelligence activities and functions including developing, evaluating, and providing intelligence information. Related DoD Occupational Subgroup: 243.

### **2. Duties and Responsibilities:**

2.1. Conducts intelligence training. Instructs aircrews on collecting and reporting requirements and procedures; matters such as evasion, recovery, and code of conduct; recognition techniques; and assessing offensive and defensive weapon system capabilities. Prepares mission reports. Conducts intelligence debriefings of US and allied military personnel involved in combat operations.

2.2. Prepares, maintains, and presents intelligence displays, reports, and briefings. Produces all-source intelligence, situation estimates, order-of-battle studies, and other intelligence reports and studies.

2.3. Performs geo-locational mensuration functions. Maintains and uses geospatial databases, target materials, imagery, and other intelligence products. Extracts coordinates and positional relationships from digital database systems and non-automated stereo-photographic models. Identifies and establishes unit requirements for intelligence reference materials. Maintains intelligence reference files, automated intelligence databases, and target materials data logs. Prepares target materials. Performs targeting, weaponeering, and damage assessment functions. Uses automated and non-automated systems applications.

2.4. Develops mission planning and execution support materials. Assembles maps, charts, and target materials. Prepares strip charts and annotates navigational information. Collates intelligence and operations materials, and assembles final product for mission briefing, study, and use.

2.5. Determines source materials and areas for prediction. Assembles, produces, evaluates, and updates radar prediction materials based on analysis of structures, terrain, and multi-spectral imagery.

2.6. Compiles, segregates, evaluates, researches, interprets, analyzes, and disseminates intelligence information. Analyzes intelligence to support operations and targeting. Uses intelligence automated data systems to store, retrieve, display, and report intelligence information. Establishes intelligence collection requirements.

### **3. Specialty Qualifications:**

3.1. Knowledge. Knowledge is mandatory of: intelligence organizations and systems; collection and reporting systems, procedures, and methods; intelligence information sources; techniques of identifying, collating, evaluating, and analyzing information; geographical and cultural aspects of foreign countries; current military capabilities and employment tactics of potential enemy offensive and defensive weapon systems; special operations; procedures for acquiring, updating, and maintaining intelligence documents, maps, and charts; map and chart use techniques; graphic, oral, and written intelligence information presentation; target planning and materials; target folder construction techniques; capabilities and application of automated data handling and management systems; security classification marking and control; US sensor systems, regional physical characteristics relative to radar significance; methods of verifying target intelligence information derived from imagery; basic electromagnetic theory; computerized systems supporting target intelligence and mission planning systems; digital terrain and feature data based; and principles of precise positioning systems and targeting and weaponeering.

3.2. Education. For entry into this specialty, completion of high school or General Educational Development equivalency, with courses in speech, journalism, geography, modern world history, statistics, algebra, geometry, and trigonometry is desirable.

3.3. Training. For award of AFSC 1N031, completion of a basic intelligence applications course is mandatory.

3.4. Experience. The following experience is mandatory for award of AFSC indicated:

3.4.1. 1N051. Qualification in and possession of AFSC 1N031. Also, experience in functions such as preparing intelligence reports and correspondence; computing and plotting information from maps and charts; developing and maintaining target materials; or collating and evaluating intelligence information.

3.4.2. 1N071. Qualification in and possession of AFSC 1N051. Also, experience performing functions such as preparing mission folders and participating in mission planning.

3.4.3. 1N091. Qualification in and possession of AFSC 1N071. Also, experience managing activities within the intelligence process; preparing and providing intelligence support to operations, exercises, or simulations; or producing analytical studies.

3.5. Other. The following are mandatory as indicated:

3.5.1. For entry into this specialty:

3.5.1.1. Normal color vision as defined by AFI 48-123, *Medical Examination and Standards*.

3.5.1.2. See attachment 39 for additional additional mandatory entry requirements.

3.5.2. For award and retention of AFSC 1N031/51/71/91/00, eligibility for a Top Secret security clearance according to AFI 31-501, *Personnel Security Program Management*, and for sensitive compartmented information access.

★**NOTE:** Award of the 3-skill level without a final Top Secret (TS) clearance is authorized provided an interim TS has been granted according to AFI 31-501.



**CEM Code 1N000**  
**AFSC 1N191, Superintendent**  
**AFSC 1N171, Craftsman**  
**AFSC 1N151, Journeyman**  
**AFSC 1N131, Apprentice**  
**AFSC 1N111, Helper**

## **IMAGERY ANALYSIS**

**(Changed 31 Oct 00)**

**1. Specialty Summary.** Manages, supervises, and performs intelligence activities and functions including exploitation, development, and dissemination of multisensor imagery products to support war fighting operations and other activities. Related DoD Occupational Subgroup: 242.

### **2. Duties and Responsibilities:**

2.1. Exploits and analyzes multisensor imagery in conjunction with all-source intelligence information. Determines type, function, location, and significance of military facilities and activities, industrial installations; and surface transportation networks. Determines type, function, and location of military equipment including ground, air, naval, missile, and electronic orders of battle. Uses multisensor imagery to conduct comparative analysis. Analyzes terrain to determine traffic ability, and identify landing zones and defensive fortifications. Analyzes structures of military and industrial installations to determine construction type and functionality. Determines present and future imagery collection requirements. Prepares damage assessment reports detailing structural damage and weapons effects.

2.2. Operates imagery exploiting equipment including computer-assisted exploiting and automated data base systems. Constructs queries and retrieves historical files to conduct comparative analysis. Uses automated exploiting equipment to prepare, review, and transmit intelligence reports. Uses softcopy imagery systems to exploit, perform mensuration, annotate, and disseminate imagery products.

2.3. Performs precise mensuration of multisensor imagery to determine geographic location, and vertical and horizontal measurements of objects. Uses maps, charts, geodetic products, and multisensor imagery to determine distance, azimuth, and location of targets.

2.4. Compiles imagery derived data into detailed target assessments. Uses collateral information from other intelligence disciplines to analyze imagery. Prepares multisensor imagery for reproduction and dissemination. Prepares and conducts multisensor imagery derived intelligence briefings. Compiles and maintains imagery target folders.

### **3. Specialty Qualifications:**

3.1. Knowledge. Knowledge is mandatory of: basic and advanced imagery interpretation principles, techniques, and procedures for imagery exploitation, reports, and presentations; Air Force, DoD, and national imagery intelligence collection systems and procedures; techniques of collating, analyzing, and evaluating imagery intelligence; use of maps, charts, grid systems, and interpreting equipment to solve imagery intelligence problems; mosaic construction; intelligence reference materials; fundamental mensuration techniques; distribution of imagery intelligence; requirements for, and sources and uses of target and imagery intelligence data; production of imagery related target materials; and security controls, classifications, markings, and handling restrictions.

3.2. Education. Completion of high school with courses in mathematics, advanced English, and computer applications is desirable for entry into this specialty.

3.3. Training. The following training is mandatory for award of the AFSC indicated:

3.3.1. AFSC 1N131. Completion of a basic imagery analysis course.

3.3.2. AFSC 1N171. Completion of the Imagery Analysis Craftsman Course.

3.4. Experience. The following experience is mandatory for award of the AFSC indicated:

3.4.1. 1N151. Qualification in and possession of AFSC 1N131. Also, experience performing functions such as imagery exploitation, mensuration, map and chart reading, reporting, and mosaic construction.

3.4.2. 1N171. Qualification in and possession of AFSC 1N151. Also, experience performing or supervising functions such as imagery exploitation.

3.4.3. 1N191. Qualification in and possession of AFSC 1N171. Also, experience managing, collecting, interpreting, analyzing, and distributing imagery and imagery related intelligence.

3.5. Other. The following are mandatory as indicated:

3.5.1. For entry into this specialty:

3.5.1.1. Normal color vision as defined in AFI 48-123, *Medical Examination and Standards*.

3.5.1.2. See attachment 39 for additional mandatory entry requirements.

3.5.2. For entry, award, and retention of these AFSCs, stereoscopic acuity equivalent to depth perception standards for flying Class I or Class IA with or without correction according to AFI 48-123.

3.5.3. For award and retention of AFSC 1N131/51/71/91/00, eligibility for a Top Secret security clearance according to AFI 31-501, *Personnel Security Program Management*, and for sensitive compartmented information access.

★**NOTE:** Award of the 3-skill level without a final Top Secret (TS) clearance is authorized provided an interim TS has been granted according to AFI 31-501.

3.5.4. For award of AFSC 1N131 ability to type at a rate of 20 words per minute.

**CEM Code 1N200**  
**AFSC 1N291, Superintendent**  
**AFSC 1N271, Craftsman**  
**AFSC 1N251, Journeyman**  
**AFSC 1N231, Apprentice**  
**AFSC 1N211, Helper**

**SIGNALS INTELLIGENCE PRODUCTION**  
**(Changed 31 Oct 95)**

**1. Specialty Summary.** Acquires, identifies, processes, analyzes, and reports on electromagnetic emissions. Operates systems and equipment for signals intelligence production. Related DOD Occupational Subgroup: 231.

**2. Duties and Responsibilities:**

2.1. Acquires signals. Selects antennae. Operates and tunes receivers for clearest reception of signal. Patches and monitors demodulators, recorders, printers, spectrum analyzers, computers, and associated equipment to process signals. Records and transcribes signals for further identification, analysis, processing, and reporting. Uses computer terminals for data entry, query, data restructuring, and signals development.

2.2. Studies, analyzes, and identifies electromagnetic emissions. Uses graphic reproductions to determine operational characteristics.

2.3. Processes signals. Extracts electromagnetic emissions from real-time and recorded media, and performs technical and data analysis. Prepares and forwards tapes of selected transmissions.

2.4. Interprets and renders preliminary analysis. Uses analytical aids and related reference material to help identify signals and detect abnormalities. Maintains databases of various signal types and activities using computer and hardcopy products. Notifies appropriate personnel and work centers of unusual activities or critical situations. Identifies, analyzes, and implements tasking.

2.5. Generates reports. Annotates and forwards operational characteristics of selected transmissions or reportable information. Evaluates records, operator logs, formats, technical reports, and data from other activities.

2.6. Performs preventative maintenance. Ensures all equipment and resources are externally clean, functional, and free from safety hazard. Reports malfunctions and observations.

2.7. Develops, manages, reviews, and evaluates intelligence production processes. Implements process improvements.

**3. Specialty Qualifications:**

3.1. Knowledge. Knowledge is mandatory of: role and purpose of cryptologic support operations provided to commanders, service cryptologic elements, and national agencies; joint service relationships and operational concepts; tasking strategies; communications networks, radio wave propagation and theories, and modulation techniques; radio communications procedures; basic signals analysis and identification; functions and operations of electronic equipment; reporting formats and procedures; basic computer operations and directives for handling, distributing, and protecting defense information; cryptologic systems operations; Morse or non-Morse communications equipment and techniques; mission management responsibilities; and related cryptologic activities.

3.2. Education. For entry into this specialty, completion of high school or General Educational Development equivalency with courses in algebra, typing, and computers is desirable.

3.3. Training. For award of AFSC 1N231, completion of a basic signals intelligence production course is mandatory.

3.4. Experience. The following experience is mandatory for award of the AFSC indicated:

3.4.1. 1N251. Qualification in and possession of AFSC 1N231. Also, experience performing functions such as selecting antennae, operating and tuning receivers, transcribing signals, signal identification, or using graphic reproductions.

3.4.2. 1N271. Qualification in and possession of AFSC 1N251. Also, experience in operations or supervisory functions related to electromagnetic emissions positions.

3.4.3. 1N291. Qualification in and possession of AFSC 1N271. Also, experience managing signals intelligence production functions or activities.

3.5. Other. The following are mandatory as indicated:

3.5.1. For entry into this specialty:

3.5.1.1. No record or history of temporomandibular joint pain or disorder.

3.5.1.2. See attachment 39 for additional mandatory requirements.

3.5.2. For award and retention of AFSCs 1N231/51/71/91, eligibility for a Top Secret security clearance according to AFI 31-501, *Personnel Security Program Management*, and for sensitive compartmented information access.

★**NOTE:** Award of the 3-skill level without a final Top Secret (TS) clearance is authorized provided an interim TS has been granted according to AFI 31-501.

3.5.3. For award of AFSC 1N231:

3.5.3.1. Ability to type at a rate of 25 words per minute.

3.5.3.2. Ability to receive and transcribe international Morse code at a rate of 20 groups per minute.

AFSC 1N37X\*, Craftsman  
AFSC 1N35X\*, Journeyman  
AFSC 1N33X \*, Apprentice  
AFSC 1N31X\*, Helper

## CRYPTOLOGIC LINGUIST (Changed 31 Oct 00)

**1. Specialty Summary.** Performs and supervises acquisition, recording, transcribing, translating, analyzing, and reporting of assigned voice communications. Related DoD Occupational Subgroup: 232.

### **2. Duties and Responsibilities:**

2.1. Operates and manages operation of communications equipment. Operates radio receivers, recording equipment, keyboards, computer consoles, and related equipment. Tunes receivers to prescribed frequencies and performs frequency search missions, over specified portions of radio spectrums to locate and monitor stations and frequency use. Monitors and records communications, adding appropriate comments to assist in transcription and analysis. Performs preventive maintenance on mission equipment.

2.2. Processes communications. Uses applicable working aids and references, transcribes, performs preliminary analysis on, and summarizes communications in accordance with established formats and priorities. Translates spoken or written material. Recognizes essential elements of information, analyzes communications, and reports items of interest. 2.3. Maintains technical aids, logs, and records. Compiles and maintains operation records and statistics. Completes, annotates, and distributes logs, forms, and correspondence. Develops and maintains handbooks, working aids, and analytical references to ensure applicability and currency. Reviews, updates, and compiles data for operational use and trend reporting.

### **3. Specialty Qualifications:**

3.1. Knowledge. Knowledge is mandatory of: a designated language; radio communications operations theory; communications techniques; operation of acquisition, recording, and processing equipment; communications networks; formats, terminology, and theory of traffic analysis; organization of designated military forces; procedures for processing and distributing intelligence data; and methods for handling, distributing, and safeguarding military information.

3.2. Education. For entry into this specialty, completion of high school with courses in foreign languages is desirable.

3.3. Training. For award of AFSC 1N33XX, completion of a designated basic cryptologic linguist course or demonstrated proficiency and a cryptologic course is mandatory.

3.4. Experience. The following experience is mandatory for award of the AFSC indicated:

3.4.1. 1N35XX. Qualification in and possession of AFSC 1N33XX. Also, experience performing cryptologic activities.

3.4.2. 1N37XX. Qualification in and possession of AFSC 1N35XX. Also, experience performing or supervising cryptologic activities.

3.5. Other. The following are mandatory as indicated:

3.5.1. For entry into this specialty:

3.5.1.1. No record or history of temporomandibular joint disorder or pain.

3.5.1.2. See attachment 39 for additional mandatory entry requirements.

3.5.1.3. A minimum score of 95 for language difficulty categories I, II, and III and a minimum score of 100 for language difficulty category IV on the Defense Language Aptitude Battery; or demonstrated proficiency in a designated language L2/R2 or better on the Defense Language proficiency Test (DLPT).

3.5.2. For award and retention of AFSC 1N33XX:

3.5.2.1. Ability to aurally comprehend, read, and write a designated language with practical fluency.

3.5.2.2. Ability to type at a rate of 25 words per minute.

3.5.3. For award and retention of AFSC 1N33XX, 1N35XX or 1N37XX, eligibility for a Top Secret security clearance according to AFI 31-501, *Personnel Security Program Management*, and for sensitive compartmented information access.

**★NOTE:** Award of the 3-skill level without a final Top Secret (TS) clearance is authorized provided an interim TS has been granted according to AFI 31-501.

#### 4. \*Specialty Shredouts:

*Suffix*

*Portion of AFSC to Which Related*

##### **AFSC 1N3X1 - Germanic Cryptologic Linguist**

A.....	German
B.....	Dutch
C.....	Flemish
D.....	Swedish
E.....	Afrikaans

##### **AFSC 1N3X2 - Romance Cryptologic Linguist**

A.....	Spanish (Latin American)
B.....	Portuguese (Latin American)
C.....	French
D.....	Italian
E.....	Romanian
F.....	Haitian - Creole
G.....	Moldavian

##### **AFSC 1N3X3 - Slavic Cryptologic Linguist**

A.....	Russian
B.....	Polish
C.....	Czech
D.....	Serbo-Croatian
E.....	Russian (White)
F.....	Hungarian
G.....	Lithuanian
H.....	Slovenian
J.....	Bulgarian
K.....	Ukranian
L.....	Macedonian
M.....	Albanian

##### **AFSC 1N3X4 - Far East Cryptologic Linguist**

A.....	Chinese (Mandarin)
B.....	Vietnamese
C.....	Thai
D.....	Cambodian
E.....	Lao
F.....	Japanese
G.....	Korean
H.....	Chinese (Cantonese)
J.....	Tagalog

### AFSC 1N3X5 - Mid East Cryptologic Linguist

A.....	Arabic
B.....	Arabic (Syrian)
C.....	Hebrew
D.....	Persian
E.....	Turkish
F.....	Greek
G.....	Indonesian
H.....	Hindi-Urdu
J.....	Armenian
K.....	Azeri
L.....	Pushtu
M.....	Georgian
N.....	Tadzhik
P.....	Kazakh
Q.....	Turkmen
R.....	Uzbek

CEM Code 1N200  
AFSC 1N491, Superintendent  
AFSC 1N471, Craftsman  
AFSC 1N451, Journeyman  
AFSC 1N431, Apprentice  
AFSC 1N411, Helper

## SIGNALS INTELLIGENCE ANALYSIS (Changed 31 Oct 95)

**1. Specialty Summary.** Analyzes signals communications to recognize, extract, verify, and process and disseminate intelligence. Manages signals intelligence analysis activities. Related DoD Occupational Subgroup: 232.

### **2. Duties and Responsibilities:**

2.1. Processes signals intelligence information. Compiles, records, and analyzes intelligence data. Diagrams communications network structures and studies operating characteristics. Receives, records, and correlates data to perform preliminary analysis. Recovers, converts, and displays geographic data.

2.2. Performs detailed analysis. Identifies and analyzes data for reportable significance. Determines network structure and communications systems characteristics. Analyzes, compares, and studies unique data. Prepares in-depth studies on communications stations. Reconstructs signals networks. Determines signals schedules, and procedural characteristics, and draws net diagrams in schematic or geographical design. Uses established methods and special techniques to identify communications stations. Compares and categorizes messages by analyzing signals' internal, external, and other textual features. Conducts research and analysis to develop case files. Provides analytical support to customers.

2.3. Prepares and directs preparation of analytical reports. Compiles and correlates information. Prepares analytical reports reflecting communications patterns, trends, network diagrams, and circuit characteristics. Identifies potential sources of additional information. Operates various computer systems.

2.4. Develops analytical procedures. Improves analytical methods and procedures to meet changing requirements and ensure maximum operational economy.

### **3. Specialty Qualifications:**

3.1. Knowledge. Knowledge is mandatory of: theory of radio communications procedures; analytical techniques; organization of the national intelligence structure; organization of designated military forces; geography; reporting principles and procedures; effective writing principles; and directives for handling, disseminating, and safeguarding classified defense information.

3.2. Education. Completion of high school with courses in mathematics, English composition, and computer applications is desirable for entry into this specialty.

3.3. Training. Completion of a basic signals intelligence analysis course is mandatory for award of AFSC 1N431.

3.4. Experience. The following experience is mandatory for award of the AFSC indicated:

3.4.1. 1N451. Qualification in and possession of AFSC 1N431. Also, experience in functions such as analyzing communications signals or preparing technical reports.

3.4.2. 1N471. Qualification in and possession of AFSC 1N451. Also, experience performing or supervising functions such as analyzing communications traffic, developing signals network diagrams, or preparing intelligence reports.

3.4.3. 1N491. Qualification in and possession of AFSC 1N471. Also, experience supervising signals intelligence analysis and reporting efforts, and developing analytical procedures for exploitation of signals intelligence data.

3.5. Other. The following are mandatory as indicated:

3.5.1. See attachment 39 for additional mandatory entry requirements.

3.5.2. For award and retention of AFSCs 1N431/51/71/91, eligibility for a Top Secret security clearance according to AFI 31-501, *Personnel Security Program Management*, and for sensitive compartmented information access.

**★NOTE:** Award of the 3-skill level without a final Top Secret (TS) clearance is authorized provided an interim TS has been granted according to AFI 31-501.

3.5.3. For award of AFSC 1N431, ability to operate a keyboard at a rate of 25 words per minute (WPM).

3.5.4. For award of AFSC 1N451, ability to operate a keyboard at a rate of 30 WPM.



CEM Code 1N500  
AFSC 1N591, Superintendent  
AFSC 1N571, Craftsman  
AFSC 1N551, Journeyman  
AFSC 1N531, Apprentice  
AFSC 1N511, Helper

## **ELECTRONIC SIGNALS INTELLIGENCE EXPLOITATION**

**(Changed 30 Apr 00)**

**1. Specialty Summary.** Operates, performs, and manages electronic signals intelligence exploitation activities and functions. Operates electronic monitoring, analysis, and related equipment. Analyzes, processes, and derives intelligence from electromagnetic transmissions. Related DoD Occupational Subgroup: 556.

### **2. Duties and Responsibilities:**

2.1. Conducts signals intelligence (SIGINT) activities and operations. Performs operator and analyst duties to exploit electronic intelligence (ELINT), foreign instrumentation signals intelligence (FISINT), and PROFORMA activities. Employs signals exploitation activities to support electronic combat (EC) operations.

2.2. Operates electronic search and related equipment. Searches and exploits signal activity throughout the radio frequency spectrum. Operates directional, electromagnetic receiving, and recording systems to monitor, acquire, collect, and exploit electron magnetic transmissions.

2.3. Performs and oversees signals collection and analysis functions. Analyzes electromagnetic transmission characteristics. Determines line of bearing or origin point, external characteristics, and parameters of electromagnetic transmissions. Operates signals analysis and data processing equipment. Extracts data from electromagnetic signals and reports results. Evaluates electromagnetic transmission exploitation to ensure characteristics are accurately determined and reported.

2.4. Develops and maintains automated databases and operational logs. Records equipment status, signals characteristics, and analytical findings.

2.5. Prepares and evaluates reports. Assembles operational and technical information. Performs quality control. Inspects and evaluates SIGINT, ELINT, FISINT, PROFORMA, and EC support activities. Performs fusion analysis.

2.6. Plans, organizes, and directs electromagnetic signals exploitation activities. Manages allotted resources for SIGINT, ELINT, FISINT, PROFORMA, and EC operations and analysis activities. Identifies responsibilities for overseeing operations, intelligence analysis, and data reduction functions. Plans operations and analysis functions and devises techniques to improve operations.

### **3. Specialty Qualifications:**

3.1. Knowledge. Knowledge is mandatory of: intelligence operations; data reduction and processing; reporting; electronic principles applicable to signals collection and analysis; and missions and functions of SIGNIT, ELINT, FISINT, PROFORMA, and EC operations.

3.2. Education. Completion of high school with courses in basic electronics, physics, algebra, and trigonometry is desirable for entry into this specialty.

3.3. Training. Completion of a basic electronic signals intelligence exploitation course is mandatory for award of AFSC 1N531.

3.4. Experience. The following experience is mandatory for award of the AFSC indicated:

3.4.1. 1N551. Qualification in and possession of AFSC 1N531. Also, experience performing functions such as collecting, interpreting, analyzing, and reporting electromagnetic transmissions.

3.4.2. 1N571. Qualification in and possession of AFSC 1N551. Also, experience performing or supervising functions such as collecting, interpreting, analyzing, and reporting electromagnetic transmissions.

3.4.3. 1N591. Qualification in and possession of AFSC 1N571. Also, experience directing functions such as intelligence operations.

3.5. Other. The following are mandatory as indicated:

3.5.1. For entry into this specialty:

3.5.1.1. No record or history of temporomandibular joint pain or disorder.

3.5.1.2. See attachment 39 for additional mandatory entry requirements.

3.5.2. For award and retention of AFSCs 1N531/51/71/91/00, eligibility for a Top Secret security clearance according to AFI 31-501, *Personnel Security Program Management*, and for sensitive compartmented information access.

**★NOTE:** Award of the 3-skill level without a final Top Secret (TS) clearance is authorized provided an interim TS has been granted according to AFI 31-501.

**CEM Code 1N600**  
**AFSC 1N691, Superintendent**  
**AFSC 1N671, Craftsman**  
**AFSC 1N651, Journeyman**  
**AFSC 1N631, Apprentice**  
**AFSC 1N611, Helper**

## **ELECTRONIC SYSTEM SECURITY ASSESSMENT**

**(Changed 31 Oct 00)**

**1. Specialty Summary.** Performs electronic system security assessment (ESSA) operations, including collection, analysis, and processing of friendly command, control, and communications and computer (C4) electronic emissions. Applies analytical processes and functions to determine hostile intelligence threat to friendly communications. Supervises ESSA operations, including basic and intermediate C4 collection and processing. Performs analysis and reporting functions at theater level ESSA Centrals (ESSAC). Related DoD Occupational Subgroup: 233.

### **2. Duties and Responsibilities:**

2.1. Collects, processes, and analyzes friendly C4 electronic emissions. Applies communications security (COMSEC) assessment techniques to collected and processed data, identifying deficiencies and weaknesses. Receives, records, and correlates collected C4 data on which preliminary processing and analysis has been performed. Evaluates results of ESSA activities in terms of accuracy, relative mission priority, and bearing on overall C4 patterns or trends.

2.2. Determines C4 networks and communications systems characteristics and equipment used. Prepares studies on specific C4 nodes. Identifies and documents complex C4 systems characteristics. Interprets new requirements and makes mission changes. Processes, compares, and conducts detailed studies of unique data.

2.3. Compiles and maintains databases. Establishes database requirements and maintains data on military and related operations, supporting C4, vulnerability, and threat information. Applies data automation to ESSA mission procedures and products to improve operational capabilities.

2.4. Prepares reports. Assembles information and prepares COMSEC assessment and reports. Prepares reports reflecting C4 weaknesses and trends, and recommends measures to counter or protect C4 systems weaknesses. Prepares and distributes reports on hostile intelligence threats, communications vulnerability, and C4 nodes criticality; prepares and presents briefing on same. Evaluates finished reports and provides assistance to formulate effective corrective actions to problem areas.

2.5. Develops and executes plans and concepts for participating in COMSEC assessment and operations. Develops new collection, processing, and analysis procedures. Devises procedures and systems to meet changing C4 requirements. Prepares specifications for assessment of designated C4 nodes. Develops procedures to compile, correlate, evaluate, and report C4 data. Develops procedures and techniques to conduct jamming and deception activities. Formulates rules of engagement (ROE) concepts, procedures, and techniques to employ simulated radio electronic combat (REC) and radio electronic warfare service (REWS) (jamming and deception) against friendly forces in a training environment. Evaluates plans and concepts developed for planner or executor participation in COMSEC assessment and operations.

2.6. Conducts jamming and deception operations. Operates fixed, deployable, and airborne collection, jamming, and data processing equipment. Conducts jamming and deception operations during simulated hostile radio electronic combat against friendly forces in exercise and training environments. Supervises jamming and deception operations.

### **3. Specialty Qualifications:**

3.1. Knowledge. Knowledge is mandatory of: essential elements of friendly information; capabilities of tactical, strategic, and support C4 systems of friendly forces; C4 equipment and nodes; methods by which C4 is exercised over Air Force and friendly forces; friendly C4 terminology, systems, and employment; COMSEC directives and monitoring equipment; intelligence processes and functions; analysis techniques that can be applied to friendly C4; electronic emission systems; friendly forces' code authentication and call sign systems; jamming, deception, and exploitation techniques; ROE and flight safety in a training or exercise environment; hostile radio electronic combat and warfare services; procedures for handling, distributing, and safeguarding classified defense information; map reading and plotting; geography; database information analysis and correlation processes; friendly and hostile intelligence organizations, systems, and capabilities; conduct of friendly communications vulnerability and criticality assessments; preparation of hostile intelligence threat studies; developing, evaluating, and applying protective or counter C4 procedures against hostile attack; objectives of REC doctrine; application of DoD and United States Air Force (USAF) directives to COMSEC assessment and missions or operations, and USAF or friendly forces classification guides; and techniques for evaluating effectiveness of friendly codes, call signs, and encryption systems as well as the means by which they can be improved.

3.2. Education. For entry into this specialty, completion of high school is desirable.

3.3. Training. For award of AFSC 1N631, completion of the basic electronic system security assessment course is mandatory.

3.4. Experience. The following experience is mandatory for award of the AFSC indicated:

3.4.1. 1N651. Qualification in and possession of AFSC 1N631. Also, experience collecting and processing information such as electronic emissions, and understanding communications systems and equipment.

3.4.2. 1N671. Qualification in and possession of AFSC 1N651. Also, experience performing or supervising functions such as evaluating and analyzing electronic emissions and distributing mission reports; preparing and presenting COMSEC assessment and mission and threat briefings; identifying resource requirements; and conducting COMSEC assessment and missions.

3.4.3. 1N691. Qualification in and possession of AFSC 1N671. Also, experience managing electronic system security assessment functions and activities.

3.5. Other. The following are mandatory as indicated:

3.5.1. For entry into this specialty:

3.5.1.1. See attachment 39 for additional mandatory entry requirements.

3.5.2. For award of AFSC 1N631, ability to operate a keyboard at 20 words per minute (wpm).

3.5.3. For award and retention of AFSCs 1N631/51/71/91/00, eligibility for a Top Secret security clearance according to AFI 31-501, *Personnel Security Program Management*, and for access to sensitive compartmented information.

3.5.4. For award of AFSC 1N651, ability to operate a keyboard at 30 wpm.

**★NOTE:** Award of the 3-skill level without a final Top Secret (TS) clearance is authorized provided an interim TS has been granted according to AFI 31-501.

CEM Code 1T000  
AFSC 1T091, Superintendent  
AFSC 1T071, Craftsman  
AFSC 1T051, Journeyman  
AFSC 1T031, Apprentice  
AFSC 1T011, Helper

## **SURVIVAL, EVASION, RESISTANCE, AND ESCAPE OPERATIONS** **(Changed 30 Apr 01)**

**★1. Specialty Summary:** Develops, manages, and conducts Air Force survival, evasion, resistance, and escape (SERE) programs. Develops, conducts, manages, and evaluates SERE Code of Conduct training (CoCT) and Code of Conduct Continuation training (CoCCT), and personnel recovery (PR) operational support programs. Conducts operational testing on and instructs the use of SERE related equipment. Performs and instructs basic, advanced, and emergency military parachuting. Coordinates SERE activities and conducts observer and controller duties during PR exercises. Related DoD Occupational Subgroup: 012.

**★2. Duties and Responsibilities:**

2.1. Plans, organizes, directs, and conducts SERE training activities. Designs and develops curriculum, functional structure, and procedures for SERE CoCT and CoCCT courses and programs. Determines training schedules according to course control documents, directives, policies, and instructional principles. Ensures student safety. Conducts classroom, laboratory, and operational training. Uses lecture, demonstration and performance, guided discussion, and time and circumstance instructional methodology. Conducts training under conditions closely approximating actual SERE episodes. Training environments and scenarios include, but are not limited to, global environmental conditions, combat situations, and captivity.

2.2. Develops SERE joint tactics, techniques, and procedures (JTTP). Supports operational tasking for theater and Joint Forces Commanders. Functions as in-theater SERE and PR subject matter expert (SME). Manages development and coordination of SERE and PR operational support programs. Manages SERE programs including isolated personnel reports, evasion plans of action, blood chits, evasion charts, and PR aids. Augments Joint Search and Rescue Center (JSRC) and Rescue Coordination Center (RCC) as SERE and PR SME. Assists in developing theater combat search and rescue (CSAR) policies and special instructions.

2.3. Instructs and performs static line, military free fall, and emergency parachuting techniques. Conducts test parachuting operations including SERE related survival and life support equipment, personnel parachutes, and aircraft jump platform certification. Demonstrates emergency egress procedures for SERE CoCT and CoCCT students.

2.4. Coordinates SERE activities to support PR related exercises. Performs observer and controller duties for high-risk-of-capture personnel. Acts as operational risk management (ORM) advisor for SERE activities.

2.5. Inspects and evaluates SERE training and PR operational support activities. Evaluates SERE CoCT and CoCCT courses and programs. Determines readiness and efficacy of equipment, supplies, and training aids. Ensures standardization and compliance with policies, directives, course control documents, ORM procedures, operational guidance, and instructional methodology.

**★3. Specialty Qualifications:**

3.1. Knowledge. Knowledge is mandatory of: global SERE and PR principles and JTTP; procedures for CoCT and MAJCOM CoCCT requirements; procedures for PR program management; JSRC/RCC roles and missions; intentional and emergency parachuting procedures; providing for personal protection and sustenance; communication and signaling techniques; methods of vectoring recovery assets; evasion movement; nuclear, chemical, and biological survival skills; physiology and psychology of survival; avoidance of hazardous terrain, rough land travel, and emergency evacuation procedures for injured personnel; survival medicine and first aid; land and water navigation and travel; proper conduct when dealing with special operations recovery teams and assisted recovery mechanisms; caring for and using post-egress, recovery, and life support survival equipment; improvising and manufacturing clothing and equipment needed by a survivor or Prisoner Of War (POW); courseware development; lecture, demonstration and performance, guided discussion, time and circumstance, and role-play instructional methods and techniques; impact of Geneva Conventions on evaders, POWs and escapees; conduct after capture concepts for war, governmental detention, and terrorist hostage environments including, but not limited to, resistance to exploitation, organization and communication, maintenance of psychological and physical health, and escape.

3.2. Education. Completion of high school with courses in speech, education, physical education, biology, botany, anthropology, geology, and geography are desirable for entry into this specialty.

3.3. Training. The following training is mandatory for award of the AFSC indicated:

3.3.1. 1T031. Completion of the following courses:

3.3.1.1. SERE Specialist Indoctrination Course.

3.3.1.2. Basic Combat Survival Course.

3.3.1.3. Water Survival, Nonparachuting Course.

3.3.1.4. SERE Specialist Training Course.

3.3.2. 1T051. Completion of the following courses:

3.3.2.1. Water Survival, Parachuting Course.

3.3.2.2. Arctic Survival Training Course.

3.3.2.3. Joint Resistance Training Instructor Course.

3.3.3. 1T071. Completion of the Advanced SERE Training Instructor Course.

3.4. Experience. The following experience is mandatory for award of the AFSC indicated:

3.4.1. 1T051. Qualification in and possession of AFSC 1T031. Also, experience applying global combat survival principles, procedures, techniques, and equipment; emergency parachuting procedures; living under primitive conditions; survival medicine; rough land travel and evacuation procedures; land and water navigation and travel; use of post-egress survival and life support equipment; PR JTTP; escape and evasion techniques; combat communication, signaling, and recovery procedures; CSAR operations; survival in nuclear, chemical, and biological contamination conditions; and prisoner of war, governmental detention, and terrorist hostage conduct after capture guidance including organization, communication, and resistance to exploitation.

3.4.2. 1T071. Qualification in and possession of AFSC 1T051. Also, experience in performing or supervising SERE functions and training activities.

3.4.3. 1T091. Qualification in and possession of AFSC 1T071. Also, experience in managing and directing SERE operations and training programs.

3.5. Other. The following are mandatory as indicated:

3.5.1. See attachment 39 for additional mandatory entry requirements.

3.5.2. For award and retention of AFSC 1T031/51/71/91.

3.5.3. Eligibility for a Secret security clearance according to AFI 31-501, *Personnel Security Program Management*.

3.5.4. Physical qualification for SERE Specialist duty according to AFI 48-123, *Medical Examination and Standards*.

AFSC 2A171, Craftsman  
AFSC 2A151, Journeyman  
AFSC 2A131, Apprentice  
AFSC 2A111, Helper

## AVIONIC SENSORS MAINTENANCE (Changed 30 Apr 99)

**1. Specialty Summary.** Maintains, repairs, inspects, or supervises maintenance actions on avionic sensor systems equipment such as infrared detection sets, closed circuit and low light or all light level television, optical cameras, data display sets, infrared mapping sets, videotape and digital recorders, laser target designator, laser receivers, terrain following radar, sensor control systems, and associated support equipment (SE). Related DoD Occupational Subgroup: 102.

### **2. Duties and Responsibilities:**

2.1. Performs avionic sensor systems equipment maintenance. Tests, inspects, troubleshoots, or supervises these actions on avionic sensor systems and SE to locate defects in electronic, electro-optical, and mechanical components and wiring. Operates equipment on aircraft or in shop, and evaluates equipment performance. Prepares mobile maintenance facilities for rapid deployment.

2.2. Repairs, overhauls, and modifies avionic sensor systems and components, and related aircraft systems. Isolates malfunctioning equipment through functional checks, measurements, and other flightline or shop tests. Runs automatic diagnostics software. Repairs, replaces, aligns, services, inspects, calibrates, or supervises these actions on avionic sensor systems and SE. Overhauls subsystems of avionic sensor systems. Uses manual and automatic test equipment to test components.

2.3. Installs avionic sensor systems. Ensures equipment serviceability prior to installing on aircraft. Assembles, connects, and boresights flightline replaceable components. Tests installed equipment according to technical orders. Prepares aircraft for low altitude attack profiles, precision bombing, covert operations, and reconnaissance.

2.4. Inspects avionic sensor equipment and maintains inspection records. Determines operational status of avionic sensor equipment. Interprets inspection findings, and determines adequacy of corrective actions. Reports product quality deficiencies and recommends improvements to equipment and maintenance processes. Posts entries and maintains maintenance and inspection records. Uses automated maintenance systems. Inputs, validates, and analyzes data processed to automated systems. Clears and closes out completed maintenance discrepancies in automated maintenance systems.

### **3. Specialty Qualifications:**

3.1. Knowledge. Knowledge is mandatory of: principles of laser, infrared, radar, optics, cryogenics, refrigeration and environmental controls, videotape, closed circuit and low light level television, and electronics; analog and digital components and techniques; microprocessors and associated computers; interpreting technical orders, wiring and logic diagrams, and schematic drawings applying to avionic sensor systems and related SE; and concepts and application of maintenance directives.

3.2. Education. For entry into this specialty, completion of high school with courses in physics, chemistry, and mathematics is desirable.

3.3. Training.

3.3.1. For award of AFSC 2A131, completion of a basic avionic sensor maintenance course is mandatory.

3.3.2. For award of AFSC 2A171, completion of the craftsman avionic sensor maintenance course is mandatory.

3.4. Experience. The following experience is mandatory for award of the AFSC indicated:

3.4.1. 2A151. Qualification in and possession of AFSC 2A131. Also, experience maintaining, troubleshooting, aligning, calibrating, or repairing avionic sensor equipment and support equipment.

3.4.2. 2A171. Qualification in and possession of AFSC 2A151. Also, experience performing or supervising maintenance and repair of avionic sensor equipment and related support equipment.

3.5. Other. The following are mandatory as indicated:

3.5.1. For entry into this specialty:

3.5.1.1. Normal color vision as defined in AFI 48-123, *Medical Examination and Standards*.

★3.5.1.2. Visual qualification according to Air Force Occupational Safety and Health Standard 48-139, *Laser Radiation Protection Program*, for performing duty in laser hazard areas.

3.5.1.3. See attachment 39 for additional mandatory entry requirements.

3.5.2. For award and retention of AFSCs 2A131/51/71, eligibility for a Secret security clearance according to AFI 31-501, *Personnel Security Management Program*.

AFSC 2A373\*, Craftsman  
AFSC 2A353\*, Journeyman  
AFSC 2A333\*, Apprentice  
AFSC 2A313\*, Helper

## TACTICAL AIRCRAFT MAINTENANCE (Changed 30 Apr 01)

**1. Specialty Summary.** Maintains tactical aircraft, support equipment, and forms and records. Performs and supervises flight chief, expeditor, crew chief, repair and reclamation, quality assurance, and maintenance support functions. Related DoD Occupational Subgroup: 600.

### **2. Duties and Responsibilities:**

2.1. Services aircraft. Performs end-of-runway, postflight, preflight, thru-flight, and phase inspections. Performs integrated combat turns and hot pit refuels. Advises on problems maintaining, servicing, and inspecting aircraft and related aerospace equipment. Uses technical data to diagnose and solve maintenance problems on aircraft systems. Interprets and advises on maintenance procedures and policies to repair aircraft and related equipment.

2.2. Troubleshoots and maintains aircraft structures, systems, components, and related equipment. Removes and installs aircraft components. Conducts functional tests of repaired components and systems. Adjusts, aligns, and rigs aircraft systems. Supervises and performs aircraft jacking, lifting, and towing operations.

2.3. Inspects aircraft structures, systems, components, and related systems. Supervises and performs aircraft and component inspections. Interprets inspection findings and determines adequacy of corrective actions. Inspects and checks components for clearances, tolerances, proper installation, and operation. Inspects and operates powered and nonpowered aerospace ground equipment. Inspects and identifies aircraft corrosion for prevention and repair. Reviews maintenance forms, aircraft records, automated maintenance data systems, and historical reports to ensure complete documentation. Inventories and maintains aircraft equipment.

2.4. Performs flight chief, production superintendent, expeditor, crew chief, repair and reclamation, and maintenance support functions. Coordinates maintenance plans and schedules to meet operational commitments. Supervises and assists in launching and recovering aircraft. Reviews maintenance data collection summaries to determine trends and production effectiveness. Performs crash recovery duties. Performs staff and supervisory management functions.

### **3. Specialty Qualifications:**

3.1. Knowledge. Knowledge is mandatory of: principles applying to aircraft systems; concepts and application of maintenance directives and data reporting; using technical data; Air Force supply and deficiency reporting procedures; and proper handling, use, and disposal of hazardous waste and materials.

3.2. Education. For entry into this specialty, completion of high school is desirable with courses in physics, pneudraulics, and electronics.

3.3. Training.

3.3.1. For award of AFSC 2A333X, completion of a suffix specific basic aircraft maintenance course is mandatory.

3.3.2. For award of AFSC 2A373X, completion of a suffix specific craftsman aircraft maintenance course is mandatory.

3.4. Experience. The following experience is mandatory for award of the AFSC indicated:

3.4.1. 2A353X. Qualification in and possession of AFSC 2A333X. Also, experience in functions such as repairing and maintaining aircraft or related installed equipment.

3.4.2. 2A373X. Qualification in and possession of AFSC 2A353X. Also, experience performing or supervising functions such as installing, inspecting, repairing, or overhauling aircraft structures, systems, and components.

3.5. Other. The following are mandatory for entry into this specialty:

3.5.1. Normal color vision as defined in AFI 48-123, *Medical Examination and Standards*.

3.5.2. See attachment 39 for additional mandatory entry requirements.

★3.5.3. For award and retention of AFSCs 2A333X/53X/73X, eligibility for a Secret security clearance according to AFI 31-501, *Personnel Security Program Management*.

#### 4. \*Specialty Shredouts:

<i>Suffix</i>	<i>Portion of AFS to Which Related</i>
A.....	F-15
B.....	F-16/F-117
C.....	F/EF-111
D.....	F-4
E.....	A-10
F.....	T-1/T-38
G.....	T-37/OA-37
H.....	U-2
J.....	General (Except F-15/F-16)
Z.....	All Other

**NOTE:** Shredouts A and B are applicable to the 1-, 3-, 5- and 7-skill levels. Shredouts C, D, E, F, G, H, and Z are applicable to the 1- and 3-skill levels only, and merge to form shredout J at the 5-skill level. Shredout J is applicable only at the 5- and 7-skill levels.



**AFSC 3C071, Craftsman**  
**AFSC 3C051, Journeyman**  
**AFSC 3C031, Apprentice**  
**AFSC 3C011, Helper**

## **COMMUNICATIONS - COMPUTER SYSTEMS OPERATIONS** **(Changed 30 Apr 96)**

**1. Specialty Summary.** Supervises or operates fixed and deployed communications-computer systems (C-CS). Performs or supervises activities such as configuring and monitoring hardware and software for system operation, processing and control of data flow, and client-server multi-user system support including network management or administration. Performs microcomputer fault isolation and restoral actions. Controls, manages, and accounts for automated information systems resources. Manages C-CS security programs and activities including information protection (IP). Related DoD Occupational Subgroup: 531.

### **2. Duties and Responsibilities:**

2.1. Operates C-CS and supervises related activities. Performs system hardware and software operations, management, and administration. Loads programs, files, and databases. Selects input or output media and operation mode. Responds to trouble calls and console messages or signals. Isolates faults, determines causes, and recovers from malfunctions due to hardware, software, and communications failures. Answers status inquiries. Performs operator maintenance of C-CS and peripheral equipment. Assists in program debugging. Coordinates with programmers, systems analysts and administers, and functional users concerning resource capability, operations, reports, and system problems. Tests new operating systems and programs. Coordinates and establishes preventive maintenance schedules for equipment and facilities. Ensures compliance with directives governing physical, operational, computer, and communications security. Coordinates and documents C-CS repairs.

2.2. Provides support and supervision for the client servers, micro, and multi-user C-CS. Performs or assists customers in setup and configuration of computer hardware and software. Runs system diagnostics and determines cause of hardware, software, and network problems. Removes and replaces line replaceable units to restore system operation. Configures and monitors hardware and software. Sets-up and configures local area and wide area nodal hardware. Installs and configures software operating systems, and network operations application software. Monitors and operates network nodes. Provides customer service to assist in operation, restoral, and configuration of functionally operated systems.

2.3. Manages and controls ADP resources. Maintains ADP equipment accounts and inventories. Monitors maintenance contracts and submits reports. Prepares recommendations for equipment acquisition or replacement. Prepares C-CS processing cost reports or estimates. Maintains liaison with using activities to achieve most efficient use of systems and customer satisfaction. Assists system users to determine system hardware, software, and components to meet operational requirements.

2.4. Manages C-CS security and IP programs. Controls, issues, and accounts for communications security material and equipment. Inspects form compliance with control, accountability, use, handling, and technical specification concerning C-CS security elements. Reports security incidents and formulates and applies corrective security procedures. Administers IP tools, performs on-line IP surveys, and produces up channel IP reports. Provides guidance for communications, computers, and emission security matters. Manages, directs, and educates users on communications, computer, and IP security.

2.5. Evaluates and assists C-CS activities. Makes periodic evaluation and assistance visits, notes discrepancies, and recommends corrective actions. Rates C-CS activities' effectiveness, including manpower, personnel, and training. Conducts communications-computer performance evaluations and management reviews.

2.6. Performs system and product control and scheduling. Establishes processing priorities and schedules system workloads. Schedules machine workloads. Ensures completeness of input and output. Analyzes C-CS production records and reports, operating time, and downtime to determine effectiveness. Evaluates problems with production runs, and determines corrective action. Informs system user of problems affecting processing. Monitors currency, program, and file use, and establishes disk residency requirements and priorities. Ensures processing is timely and accurate, and conforms to procedures. Performs database recovery and upgrade. Applies security techniques to preclude unauthorized access to classified and sensitive information and misuse of automated resources. Maintains magnetic storage media.

### 3. Specialty Qualifications:

3.1. Knowledge. Knowledge is mandatory of: programming; C-CS systems and elements; capabilities, functions, and technical methods for C-CS operation; organization and functions of Air Force automated C-CS and elements; communications-computer flows; operations and logic of electromechanical and electronic C-CS systems and their components; techniques for solving C-CS operations problems; and C-CS security procedures and programs including IP.

3.2. Education. For entry into this specialty, completion of high school with courses in mathematics and computer science is desirable.

3.3. Training. The following training is mandatory for award of the AFSC indicated:

3.3.1. 3C031. Completion of a basic C-CS operations course.

3.3.2. 3C071. Completion of the advanced C-CS operations course.

3.4. Experience. The following experience is mandatory for award of the AFSC indicated:

3.4.1. 3C051. Qualification in and possession of AFSC 3C031. Also, experience in C-CS functions such as system operations, control, micro and multi-user technical support, system restoral, resource accounting, or security.

3.4.2. 3C071. Qualification in and possession of AFSC 3C051. Also, experience supervising one of the following functions: analysis of system failure and restoral, C-CS operations, micro and multi-user systems support, system or network management or administration, resource management, or security management.

3.5. Other. The following are mandatory as indicated:

3.5.1. See attachment 39 for additional mandatory entry requirements.

3.5.2. For award and retention of AFSCs 3C031/51/71, eligibility for a Top Secret security clearance according to AFI 31-501, *Personnel Security Management Program*.

**★NOTE:** Award of the 3-skill level without a final Top Secret (TS) clearance is authorized provided an interim TS has been granted according to AFI 31-501.

**CEM Code 3C000**  
**AFSC 3C291, Superintendent**  
**AFSC 3C271, Craftsman**  
**AFSC 3C251, Journeyman**  
**AFSC 3C231, Apprentice**  
**AFSC 3C211, Helper**

**COMMUNICATIONS - COMPUTER SYSTEMS CONTROL**  
**(Changed 30 Apr 96)**

**1. Specialty Summary.** Monitors and controls performance of networks and communications-computer systems (C-CS). Coordinates their configuration, operation, restoration, and service improvements. Analyzes their capabilities and performance, identifies problems, and takes corrective action. Directs and makes operational adjustments to C-CS equipment. Related DoD Occupational Subgroup: 201.

**2. Duties and Responsibilities:**

2.1. Monitors and controls performance of networks and C-CS. Operates computers, computer peripherals, and processor controlled diagnostic and control equipment to perform facility and traffic surveillance, network control, traffic control, and technical control. Monitors status and performance of various types of analog and digital radio systems, packet switching systems, message switching systems, centralized computer systems, distributed computer systems, local area networks, and subscriber equipment. Tests subscriber equipment, end-to-end circuits, systems, and networks to verify services provided, and input and output signals meet standards. Protects network and systems security through proper cryptographic interconnections or other protective equipment, and through use of security procedures. Implements electronic combat procedures. Configures circuits, systems, and networks based on subscriber service requirements, network traffic patterns, and loading, and results of quality assurance tests. Performs automated and manual patching and cross connecting to establish or restore service. Localizes equipment failures, performs operational equipment adjustments, and reconfigures equipment or mode of operation by replacing, restrapping, or reprogramming software, circuit boards, modules, subassemblies, and assemblies.

2.2. Coordinates network and C-CS configuration, operation, restoration, and service improvements. Communicates with subscribers, local and distant agencies, and contractors by voice, teletypewriter, facsimile, or data communications terminals to schedule down-time and quality assurance tests, isolate faults or degradation, restore service, and effect repair. Directs or performs frequency changes. Directs on-equipment maintenance to minimize service impacts. Provides specialized advice and technical assistance on current and new operations, systems, and networks.

2.3. Analyzes networks and C-CS capabilities, performance, and identifies problems and takes corrective action. Records information useful in evaluating and controlling network and C-CS operations, service capabilities, and quality. Analyzes circuits, systems, and networks performance, over time, using manual and computerized techniques to identify causes of service and performance degradation or reoccurring failures. Performs operational inspections and evaluations of network and C-CS performance, identifies problems, and takes corrective action or recommends service improvements. Performs configuration control, systems planning, and analysis to ensure systems meet current and future mission requirements. Plans and organizes C-CS control activities. Advises superiors and generates reports to management on network and C-CS operations, performance, services efficiency, and recommended improvements.

**3. Specialty Qualifications:**

3.1. Knowledge. Knowledge is mandatory of: operating principles and signal characteristics of electronic components and devices, electrical modulation and multiplexing techniques, and imagery to electrical signal conversion; operating principles of computers and peripherals; digital circuit signal characteristics; encoding techniques; computer-communication protocols and interface techniques; operating principles of fiber optics, cable and radio transmission equipment, antennas, and transmission-media propagation theory and operating principles of signal switching networks and local area networks.

3.2. Education. For entry into this specialty, completion of high school with courses in physics and mathematics is desirable.

3.3. Training. The following training is mandatory for award and retention of the AFSC indicated:

3.3.1. 3C231. Completion of the basic C-CS control course.

3.3.2. 3C271. Completion of the advanced C-CS control course.

3.4. Experience. The following experience is mandatory for award of the AFSC indicated:

3.4.1. 3C251. Qualification in and possession of AFSC 3C231. Also, experience in C-CS functions such as operating fixed, mobile, or transportable C-CS circuits, equipment, transmission media, test equipment, and network management.

3.4.2. 3C271. Qualification in and possession of AFSC 3C251. Also, experience performing or supervising functions such as help desk, monitor and control, C-CS control, network management, and operations facilities including operating terminals, computers, or automated test systems.

3.4.3. 3C291. Qualification in and possession of AFSC 3C271. Also, experience managing C-CS control facilities or multiple C-CS functions.

3.5. Other. The following are mandatory as indicated:

3.5.1. See attachment 39 for additional mandatory entry requirements.

3.5.2. For award and retention of AFSCs 3C231/51/71/91, eligibility for a Top Secret security clearance according to AFI 31-501, *Personnel Security Program Management*, is mandatory.

★**NOTE:** Award of the 3-skill level without a final Top Secret (TS) clearance is authorized provided an interim TS has been granted according to AFI 31-501.

**AFSC 3E071, Craftsman**  
**AFSC 3E051, Journeyman**  
**AFSC 3E031, Apprentice**  
**AFSC 3E011, Helper**

## **ELECTRICAL SYSTEMS**

**(Changed 30 Apr 01)**

**★1. Specialty Summary.** Installs, inspects, maintains, troubleshoots, repairs, and modifies electrical distribution systems and components above and below 600 volts; airfield lighting systems; fire alarms and intrusion detection systems, and complies with environmental and safety regulations and practices. Related DoD Occupational Subgroup: 721.

**★2. Duties and Responsibilities:**

2.1. Installs, maintains, and repairs energized and de-energized electrical distribution systems and components. Installs, maintains, and repairs interior, exterior, overhead, underground electrical power distribution systems and components such as capacitor banks, vacuum and air break switches, breakers, transformers, fuses, lighting fixtures, receptacles, and motors. Climbs utility poles and operates special purpose vehicles and equipment, including line maintenance and high reach trucks to inspect, maintain, and repair overhead distribution systems. Inspects powerline poles for pest damage, deterioration, and loose hardware. Inspects, tests, and services overhead line conductors and direct buried cables, and those in underground ducts and conduits. Troubleshoots malfunctions using technical orders, manufacturers' handbooks, local procedures, codes, and directives. Tests air samples in manholes for dangerous concentrations of combustible or toxic gases and oxygen deficiency.

2.2. Maintains, inspects, and repairs special purpose electrical systems. Inspects, maintains, and repairs fixed and portable airfield lighting systems including runway, threshold, approach, taxiway, visual glide slope, obstruction, and distance marker lights. Installs, maintains, and repairs cathodic protection and grounding systems, and voltage and current regulators. Installs, maintains, and repairs fire alarms and intrusion detection alarms, and traffic system controls. Installs, maintains, and repairs electrical appliances.

2.3. Maintains proficiency in cardiopulmonary resuscitation, first aid, pole top, aerial lift, and manhole rescue. Complies with safety and environmental regulations and practices.

2.4. Advises on problems installing and repairing electrical power distribution and special purpose electrical systems. Solves maintenance problems by studying layout drawings, wiring and schematic diagrams, and analyzing construction and operating characteristics. Uses meters, testing devices, indicators, and recorders to locate equipment, distribution, and motor controller malfunctions and faults. Diagnoses malfunctions, and recommends repair procedures necessary to correct defective equipment. Develops and establishes maintenance and operating procedures to ensure maximum efficiency.

2.5. Performs planning activities. Performs facility surveys. Surveys proposed work to determine resource requirements. Prepares cost estimates for in-service work. Applies engineered performance standards to plan and estimate jobs. Coordinates plans and other activities.

**3. Specialty Qualifications:**

3.1. Knowledge. Knowledge is mandatory of: principles of electricity and electronics, including computation and measurement of common properties (resistance, inductance, capacitance, voltage, and current); transformers and regulator operations and connection; grounding and lightning protection systems; working on high and low voltage energized lines; applications of safety requirements related to installation and maintenance of electrical distribution systems; principles of fire and intrusion alarms; cathodic protection systems; airfield lighting systems; reading electrical schematics and one-line diagrams; rescue and resuscitation of electrical shock victims; and environmental regulations.

3.2. Education. For entry into this specialty, completion of high school with courses in science, mathematics, and shop mechanics is desirable.

3.3. Training. For award of AFSC 3E031, completion of a basic electrical systems course is mandatory.

3.4. Experience. The following experience is mandatory for award of the AFSC indicated:

**★3.4.1.** 3E051. Qualification in and possession of AFSC 3E031. Also, experience in functions such as climbing poles; installing, maintaining, and repairing electrical systems and components; and airfield lighting systems and components.

**★3.4.2.** 3E071. Qualification in and possession of AFSC 3E051. Also, experience performing or supervising functions such as climbing poles; installing, maintaining, and repairing electrical systems; and airfield lighting systems and components.

3.5. Other. The following are mandatory for entry into this specialty:

3.5.1. Normal color vision as defined in AFI 48-123, *Medical Examination and Standards*.

3.5.2. Qualification to operate government vehicles according to AFI 24-301, *Vehicle Operations*.

3.5.3. Freedom from fear of heights.

3.5.4. See attachment 39 for additional mandatory entry requirements.

CEM Code 3E000, Manager  
AFSC 3E291, Superintendent  
AFSC 3E271, Craftsman  
AFSC 3E251, Journeyman  
AFSC 3E231, Apprentice  
AFSC 3E211, Helper

## PAVEMENTS AND CONSTRUCTION EQUIPMENT (Changed 30 Apr 01)

★1. **Specialty Summary.** Constructs and maintains concrete and asphalt runways, aircraft parking aprons, and roads. Operates and maintains heavy construction equipment, such as, loaders, graders, dozers, backhoes, and dump trucks. Operates tractor-trailer combinations, transporting construction equipment, and materials. Ensures compliance with all safety and environmental regulations. Related DoD Occupational Subgroup: 710.

### ★2. **Duties and Responsibilities:**

2.1. Plans, constructs, and repairs airfield pavements, roads, streets, curbs, surface mats, membranes, and other improved areas using paving and surfacing procedures. Takes soil, aggregate, asphalt, and concrete samples for laboratory tests. Interprets construction drawings and surveys using information such as subgrade contours and grade alignment. Inspects pavements for surface, base, and sub-base damage or defects. Repairs damaged or defective areas by removing and replacing joint and crack sealant, surface overlays, and seal coats. Determines material and equipment requirements and prepares cost estimates for construction activities. Provides erosion control.

2.2. Determines type and application of equipment to use in various construction, maintenance, and repair operations. Operates construction equipment to finish grade, level, slope, and compact construction materials. Operates snow and ice removal equipment. Applies chemicals and other ice control products.

2.3. Inspects, lubricates, and performs operator maintenance on construction and snow removal equipment. Adjusts and changes attachments on equipment. Connects and repairs wire rope rigging to cable-operated equipment. Schedules and coordinates equipment repair and servicing with the vehicle maintenance activity and other servicing facilities.

2.4. Investigates proposed work sites to determine resource requirements. Applies engineered performance standards to plan and estimate jobs. Coordinates and plans work requirements with other civil engineering and base agencies. Inspects work to ensure quality and compliance with policies, regulations, and other publications.

2.5. Designs demolition projects, places and detonates explosives. Performs quarry demolition, clearing and base denial operations as required. Operates water well drilling, rock crushing equipment, and fixed and mobile concrete and asphalt batch plants.

### 3. **Specialty Qualifications:**

★3.1. **Knowledge.** Knowledge is mandatory of: characteristics, capabilities, operation, and maintenance of equipment used in construction and paving; soil types, properties, limitations, and compaction methods; soil stabilization, drainage, and erosion control; construction and maintenance of asphalt and concrete surfaces; roadbeds; structure erection; landscaping; safety and environmental concerns; and pavement maintenance plans.

3.2. **Education.** For entry into this specialty, completion of high school with courses in general science, shop mechanics, and use of drawings is desirable.

3.3. **Training.** For award of AFSC 3E231, completion of a basic pavements and equipment operator course is mandatory.

3.4. **Experience.** The following experience is mandatory for award of the AFSC indicated:

3.4.1. 3E251. Qualification in and possession of AFSC 3E231. Also, experience in functions such as operating tools and equipment to prepare areas for construction and to maintain roads, runways, and grounds; and mixing and placing concrete and bituminous materials.

3.4.2. 3E271. Qualification in and possession of AFSC 3E251. Also, experience performing or supervising functions such as construction equipment operation; special techniques in using construction equipment to prepare areas for constructing and maintaining roads, grounds, and airfield surfaces; or concrete work, soil stabilization, and rigid and flexible pavement construction and maintenance.

★3.4.3. 3E291. Qualification in and possession of AFSC 3E271. Also, experience directing functions such as snow and ice removal, construction equipment operations, and pavements and grounds maintenance.

3.5. **Other.** The following are mandatory as indicated:

3.5.1. See attachment 39 for additional mandatory entry requirements.

3.5.2. For entry, award, and retention of these AFSCs, qualification to operate a government vehicle according to AFI 24-301, *Vehicle Operations*.

AFSC 3E471, Craftsman  
AFSC 3E451, Journeyman  
AFSC 3E431, Apprentice  
AFSC 3E411, Helper

## UTILITIES SYSTEMS (Changed 30 Apr 01)

★1. **Specialty Summary.** Installs, inspects, repairs, and manages plumbing, water distribution, wastewater collection systems and components, fire suppression and backflow prevention systems. Complies with environmental and safety regulations. Related DoD Occupational Subgroups: 720.

★2. **Duties and Responsibilities:**

2.1. Installs and operates plumbing, water, wastewater, fire suppression and backflow prevention systems and components. Monitors systems operation to ensure efficiency and compliance. Ensures compliance with safety and environmental regulations for hazardous materials. Installs and operates field potable water treatment equipment.

2.2. Maintains, inspects, and repairs plumbing, water, wastewater, fire suppression and backflow prevention systems, and components. Performs inspection, recurring maintenance, and seasonal overhaul on systems and components. Troubleshoots malfunctions. Uses drawings and schematics to analyze and isolate system malfunctions. Removes, repairs, and replaces defective components. Modifies equipment for specific missions or to increase efficiency. Locates and determines quality and quantity of water sources.

2.3. Solves complex maintenance problems by studying as-built and schematic drawings. Solves complex maintenance problems by studying layout drawings, wiring and schematic drawings, and by analyzing construction and operating characteristics. Develops and establishes operation and maintenance procedures to ensure maximum efficiency. Coordinates locations of field latrines and pits with engineering and medical staff. Analyzes water for chemical and physical characteristics to determine water purification treatment methods.

2.4. Performs planning activities. Performs facility surveys. Surveys proposed work to determine resource requirements. Prepares cost estimates for in-service work. Applies engineered performance standards to plan and estimate jobs. Coordinates plans and other activities.

3. **Specialty Qualifications:**

★3.1. **Knowledge.** Knowledge is mandatory of: nomenclature, types, sizes, and uses of plumbing materials such as pipes, valves, fittings, metals, caulking, packing, and gaskets; shop mathematics; reading and interpreting drawings and specifications; contingency water and waste water operations; maintenance of water, waste collection systems; corrosion prevention; military and commercial publications; and environmental regulations.

3.2. **Education.** For entry into this specialty, completion of high school with courses in mathematics, chemistry, biology, earth sciences, drawing and specification use, and shop mechanics is desirable.

3.3. **Training.** For award of AFSC 3E431, completion of a basic utilities course is mandatory.

3.4. **Experience.** The following experience is mandatory for award of the AFSC indicated:

3.4.1. 3E451. Qualification in and possession of AFSC 3E431. Also, experience in functions such as operation, maintenance, and repair of plumbing, water and waste water systems, and water quality testing and analysis.

3.4.2. 3E471. Qualification in and possession of AFSC 3E451. Also, experience performing or supervision functions such as operation, maintenance, and repair of plumbing, water and waste water systems, and water quality testing and analysis.

3.5. **Other.** The following are mandatory for entry into this specialty:

3.5.1. Normal color vision as defined in AFI 48-123, *Medical Examination and Standards*.

3.5.2. Qualification to operate government vehicles according to AFI 24-301, *Vehicle Operations*.

3.5.3. See attachment 39 for additional mandatory entry requirements.



AFSC 3E472, Craftsman  
AFSC 3E452, Journeyman  
AFSC 3E432, Apprentice  
AFSC 3E412, Helper

## LIQUID FUEL SYSTEMS MAINTENANCE (Changed 30 Apr 01)

**1. Specialty Summary.** Installs, inspects, maintains, troubleshoots, repairs, and modifies liquid fuel storage, distribution, and dispensing systems. Related DoD Occupational Subgroup: 720.

### **2. Duties and Responsibilities:**

★2.1. Installs, repairs and maintains liquid fuel storage, distribution, and dispensing systems. Manages and modifies liquid fuel systems and components. Checks components for operation, adjustment, pressures, and internal and external leaks under pressure. Troubleshoots malfunctions. Uses drawings and schematics to analyze and isolate malfunctions. Modifies equipment for specific missions or to increase efficiency. Performs recurring maintenance and seasonal overhaul on systems and components.

2.2. Advises on problems installing and repairing of liquid fuel storage, distribution, and dispensing equipment and systems. Solves complex maintenance problems by studying layout drawings, wiring and schematic drawings, and by analyzing construction and operating characteristics. Develops and establishes operation and maintenance procedures to ensure maximum efficiency.

2.3. Performs planning activities. Performs facility surveys. Surveys proposed work to determine resource requirements. Prepares cost estimates for in-service work. Applies engineered performance standards to plan and estimate jobs. Coordinates plans and other activities.

### **3. Specialty Qualifications:**

3.1. Knowledge. Knowledge is mandatory of: principles of hydraulic, electrical, and mechanical theory and principles that apply to liquid fuel systems; emergency first aid; physiological effects, characteristics, and hazards of liquid fuel products; and use and interpretation of wiring and schematic diagrams, blue prints, and environmental regulations for fuels and hazardous materials.

3.2. Education. For entry into this specialty, completion of high school with courses in physics is desirable.

3.3. Training: For award of AFSC 3E432, completion of a basic liquid fuel systems maintenance course is mandatory.

3.4. Experience: The following experience is mandatory for award of the AFSC indicated:

3.4.1. 3E452. Qualification in and possession of AFSC 3E432. Also, experience in functions such as installation, maintenance, and repair of liquid fuel systems and components.

3.4.2. 3E472. Qualification in and possession of AFSC 3E452. Also, experience in performing or supervising functions such as installation, maintenance, and repair of liquid fuel systems and components.

3.5. Other. The following are mandatory as indicated:

3.5.1. For entry into this specialty, normal color vision as defined in AFI 48-123, *Medical Examination and Standards*.

3.5.2. For entry, award, and retention of these AFSCs, qualification to operate government vehicles according to AFI 24-301, *Vehicle Operations*.

3.5.3. See attachment 39 for additional mandatory entry requirements.

CEM Code 3E000, Manager  
AFSC 3E591, Superintendent  
AFSC 3E571, Craftsman  
AFSC 3E551, Journeyman  
AFSC 3E531, Apprentice  
AFSC 3E511, Helper

## ENGINEERING (Changed 30 Apr 01)

★1. **Specialty Summary.** Directs and performs civil engineering design, drafting, surveying, and contract surveillance to support Air Force facility construction and maintenance programs. Prepares manual and Computer Aided Design (CAD) drawings, specifications, and cost estimates. Develops, operates, and maintains Geographic Information System (GIS) modules. Utilizes surveying technology to include Global Positioning System (GPS). Evaluates potential construction sites and performs field tests on soils, asphalt, and concrete. Related DoD Occupational Subgroup: 412.

### ★2. Duties and Responsibilities:

- 2.1. Develop engineering designs. Use CAD software. Prepare cost estimates, performance work statements, and specifications for existing and proposed facilities. Design concrete and asphalt pavements. Perform simple load calculations for horizontal and vertical construction. Act as liaison between design, review, construction, and using agencies.
- 2.2. Performs drafting duties. Interpret rough engineering sketches to produce working drawings using manual and CAD techniques. Produce architectural, structural, civil, mechanical, and electrical drawings. Update Base Comprehensive Plans (BCP) and maintains record drawings. Plot and reproduce drawings.
- 2.3. Performs GIS duties. Link computerized maps to databases displaying detailed information via the web. Create geographic coverages. Develop database structures. Create and populate feature codes. Link graphical data to relational databases. Develop query routines for end-user applications.
- 2.4. Performs surveying duties. Conduct reconnaissance, site location, construction, and mapping surveys while operating manual and electronic surveying equipment. Collect, convert, and present field survey data for civil engineering projects. Maintain equipment.
- 2.5. Performs contract management duties. Manage and inspect construction and maintenance contracts. Interpret plans, specifications, and other contract documents. Coordinate, evaluate, monitor, and document contract activities and progress. Prepare recommendations for contract modifications. Review material submittals for compliance with contract specifications. Conduct pre-final, acceptance, and post acceptance inspections. Manage warranty and guarantee programs.
- 2.6. Perform standardized and expedient tests on soils, asphalt, and concrete. Collect, record, and interpret test data. Prepare reports for engineering evaluation.
- 2.7. Support contingency operations. Develop bed-down plans to house personnel, aircraft, and associated support functions during contingency operations. Evaluate existing airfield pavements, lighting, navigational aids, markings, and arresting systems. Perform recovery operations to include explosive ordinance reconnaissance, airfield damage assessment, minimum operating strip selection, rapid runway repair calculations, and airfield marking procedures.

### 3. Specialty Qualifications:

- ★3.1. Knowledge. Knowledge is mandatory of computer operations, software applications, and mathematics; including algebra, geometry, and trigonometry.
- ★3.2. Education. For entry into this specialty, completion of high school or general educational development equivalency, with courses in algebra, geometry, trigonometry, computer operations, and software application is mandatory. Completion of high school courses in drafting, physics, and chemistry is desirable.
- 3.3. Training. The following training is mandatory for award of the AFSC indicated:
  - ★3.3.1. 3E531. Completion of the Engineering Apprentice course.
  - ★3.3.2. 3E571. Completion of the Civil Engineer Management Craftsman course.
- 3.4. Experience. The following experience is mandatory for award of the AFSC indicated:
  - 3.4.1. 3E551. Qualification in and possession of AFSC 3E531. Also, experience in functions such as drafting, surveying, and contract inspection.
  - 3.4.2. 3E571. Qualification in and possession of AFSC 3E551. Also, experience performing or supervising functions such as surveying, drafting, material testing, and contract inspection.
  - 3.4.3. 3E591. Qualification in and possession of AFSC 3E571. Also, experience directing functions such as surveying, materials testing, drafting, and contract management.

3.5. Other. The following are mandatory for entry into this specialty:

3.5.1. Normal color vision as defined in AFI 48-123, *Medical Examination and Standards*.

3.5.2. Qualification to operate government vehicles according to AFI 24-301, *Vehicle Operations*.

3.5.3. See attachment 39 for additional mandatory entry requirements.

CEM Code 3E800  
AFSC 3E891, Superintendent  
AFSC 3E871, Craftsman  
AFSC 3E851, Journeyman  
AFSC 3E831, Apprentice  
AFSC 3E811, Helper

## **EXPLOSIVE ORDNANCE DISPOSAL** **(Changed 30 Apr 01)**

**★1. Specialty Summary.** Performs, supervises, and manages explosive ordnance disposal (EOD) operations. Locates, identifies, disarms, neutralizes, recovers, and disposes of hazardous explosives; conventional, chemical, biological, incendiary, and nuclear ordnance; and criminal or terrorist devices. Related DoD Occupational Subgroup: 431.

### **★2. Duties and Responsibilities:**

2.1. Conducts and supervises render safe operations. Responds to emergencies with equipment and technical data. Conducts long range and close in reconnaissance, identifies and assesses ordnance condition, and advises commanders on recommended safe withdrawal distances. Excavates and safes unexploded ordnance. Exploits unknown items for technical intelligence value. Uses monitoring and detecting equipment when ordnance may contain, or may be contaminated with, toxic or radioactive materials.

2.2. Disposes of unserviceable, excess, or dangerous ordnance. Transports demolition explosives and equipment to authorized disposal areas. Fabricates explosive demolition charges, and disposes of hazardous explosives.

2.3. Neutralizes and disposes of improvised explosive devices and Weapons of Mass Destruction. Uses x-ray equipment, robotics systems, and remotely initiated or controlled tools and techniques to interrogate and gain access to the device. Wears special personal protective equipment.

2.4. Serves as a member of base emergency response team. Provides ability to detect, monitor, evaluate, and decontaminate explosive, radioactive, chemical, or biological ordnance hazards. Identifies, safes, removes and disposes of ordnance from crashed aircraft or vehicles carrying explosives.

2.5. Recovers airfields denied by ordnance. Clears unexploded ordnance and hazards from airfields, forward operating locations, landing zones, and drop zones.

2.6. Clears explosive contaminated property. Surveys extent of explosive contamination on AF property, and on bombing and gunnery, research and development, and munitions test ranges. Prepares clearance plans and cost estimates for clearance operations. Establishes, operates, and maintains EOD explosive proficiency ranges.

2.7. Identifies requirements for and maintains tools, equipment, supplies, and technical data. Orders, inventories, stores, mobilizes, and maintains specialized tools, equipment, supplies, and EOD publications. Uses computers to support flight activities. Develops notional concepts, mission need statements, and operational requirements documents.

2.8. Plans EOD contingency operations. Develops operation plans, concepts of operation, and operating instructions on EOD employment. Develops explosive safety plans.

2.9. Supports special activities and taskings. Supports United States Secret Service, and other Federal agencies by providing protection to the President, Vice President, and other dignitaries. Deploys to support special operations and military operations other than war. Supports research and development testing of weapons, aircraft, and space systems. Supports specialized Joint Service task force operations. Provides EOD services to Federal, state, and local civil authorities. Instructs base and community members on ordnance recognition and protective measures for improvised explosive devices and conventional ordnance. Provides hazardous materials (HAZMAT) response capability for incidents involving explosive ordnance.

### **3. Specialty Qualifications:**

3.1. Knowledge. Knowledge is mandatory of: composition and characteristics of United States and foreign conventional, chemical, biological, improvised, and nuclear ordnance; basic electronics; precautions, tools, and protective equipment required for response to release of hazardous substances as operations level first responders and level three technicians; and proper handling, use, rendering safe, and treatment of hazardous explosive wastes.

3.2. Education. For entry into this specialty, completion of high school or general educational development equivalency is mandatory. Courses in physics, mechanics, and basic electronic theory are desirable.

**★3.3. Training.** The following training is mandatory for award of the AFSC indicated:

3.3.1. 3E831. Completion of the explosive ordnance disposal apprentice course.

3.3.2. 3E871. Completion of the explosive ordnance disposal craftsman course.

3.4. Experience. The following experience is mandatory for award of the AFSC indicated:

3.4.1. 3E851. Qualification in and possession of AFSC 3E831. Also, experience rendering safe munitions, removing and treating hazardous unexploded ordnance, or decontaminating activities.

3.4.2. 3E871. Qualification in and possession of AFSC 3E851. Also, experience performing or supervising rendering safe munitions, treating hazardous unexploded ordnance, or decontaminating activities

3.4.3. 3E891. Qualification in and possession of AFSC 3E871. Also, experience managing EOD functions or operations.

3.5. Other. The following are mandatory as indicated:

3.5.1. For entry into this specialty, the following are mandatory:

3.5.1.1. Normal color vision as defined in AFI 48-123, *Medical Examination and Standards*.

3.5.1.2. See attachment 39 for additional mandatory entry requirements.

3.5.2. For entry, award, and retention of these AFSCs:

3.5.2.1. No record of emotional instability.

3.5.2.2. Normal depth perception as defined in AFI 48-123.

3.5.2.3. For award and retention of AFSCs 3E831/51/71/91/00, eligibility for a Secret security clearance according to AFI 31-501, Personnel Security Program Management.

## Attachment 39

### ADDITIONAL MANDATORY REQUIREMENTS FOR AFSC ENTRY

#### Introduction

1. This attachment establishes minimum requirements for:

1.1. Aptitude:

1.1.1. Mechanical, administrative, general, or electronic (MAGE) aptitude scores derived from the Armed Forces Vocational Aptitude Battery or Armed Forces Classification Test.

1.1.2. Strength aptitude codes are reflected in Column X and identify strength standards required for entry into each AFSC. Strength aptitude is defined in AFI 36-2101, *Classifying Military Personnel (Officers and Airmen)* and testing procedures for retrainees are outlined in AFI 36-2626, *Airman Retraining Program*.

Code      Demonstrated by Weight Lift of

E	Unknown
F	less than 40 lbs.
G	40 lbs.
H	50 lbs.
J	60 lbs.
K	70 lbs.
L	80 lbs.
M	90 lbs.
N	100 lbs.
P	110 lbs.

1.2. Physical profile series factor (PULHES), as defined in AFI 48-123, *Medical Examination and Standards*.

1.3. Other AFSC entry requirements or restrictions:

1.3.1. Column M reflects AFSCs authorized for use without shredouts.

1.3.2. Column N reflects AFSCs not open to non-United States citizens. AFSCs identified in this column are open to United States nationals.

1.3.3. Column O reflects AFSCs currently not authorized for award to enlisted women.

2. Refer to paragraph 3 of individual specialty descriptions for additional AFSC entry requirements.

**MANDATORY AFSC ENTRY REQUIREMENTS**

AFSC	Note(s)	APTITUDE					PHYSICAL PROFILE						OTHER		
		M	A	G	E	X	P	U	L	H	E	S	M	N	O
1A0X1	3			53		K	1	1	1	1	2	1		X	
1A1X1B	1, 3	44			33	K	1	1	1	1	2	1		X	
1A1X1C	3			55		K	1	1	1	1	2	1		X	
1A2X1	3			55		K	1	1	1	1	2	1		X	
1A3X1	3				67	G	1	1	1	1	2	1		X	
1A4X1	3			53		G	1	1	1	1	2	1		X	
1A5X1	3				67	G	1	1	1	1	2	1		X	
1A6X1	3		32			G	1	1	1	1	2	1		X	
1A7X1	1, 3	55			46	J	1	1	1	1	2	1		X	
★1A8X1				69		G	1	1	1	1	2	1	X	X	
1C0X1			45			G	3	3	3	2	3	3		X	
1C0X2			45			G	3	3	3	2	3	3		X	
1C1X1	3			53		G	1	1	1	1	1	1		X	
1C2X1	3			43		K	1	1	1	1	1	1		X	X
1C3X1				48		G	2	2	2	1	2	1		X	
1C4X1				48		K	1	1	1	1	2	1		X	X
1C5X1A				53		G	2	2	2	1	1	1		X	
1C5X1B				53		G	2	2	2	1	1	1		X	
1C5X1C				53		G	2	2	2	1	1	1		X	
1C6X1	3				58	G	2	2	2	2	2	1		X	
1N0X1				55		G	3	3	3	2	3	1		X	
1N1X1				64		G	3	3	3	2	3	1		X	
1N2X1				52		G	3	2	3	1	2	1		X	
1N3XXX				69		G	3	3	3	1	2	1		X	
1N4X1				58		G	3	3	3	2	2	1		X	
1N5X1				69		G	3	3	3	1	3	1		X	
1N6X1				58		G	3	3	3	1	2	1		X	
1S0X1				53		G	3	2	2	2	2	2			
1T0X1				53		N	1	1	1	1	2	1		X	
1T1X1				30		K	2	2	2	2	3	1		X	
1T2X1				43		K	1	1	1	1	1	1		X	X
1W0X1	2			64	50	H	2	3	1	2	2	1	X	X	
1W0X1A				64		H	2	3	1	2	2	1		X	
★2A0X1A					67	K	3	3	3	1	3	2		X	
2A0X1B					67	J	3	3	3	1	3	2		X	
★2A1X1					72	J	3	3	3	1	3	2		X	
2A1X2					67	J	3	3	3	1	3	2		X	
2A1X3					67	J	3	3	3	1	3	2		X	
2A1X4					67	G	3	3	3	1	3	2		X	
2A1X7					67	N	3	3	3	1	3	2		X	
2A3X1A					67	L	3	3	3	1	3	2		X	
2A3X1B					67	L	3	3	3	1	3	2		X	
2A3X1C					67	L	3	3	3	1	3	2		X	
2A3X2					67	K	3	3	3	1	3	2		X	
2A3X3A		44				L	3	3	3	1	3	2		X	
2A3X3B		44				L	3	3	3	1	3	2		X	
2A3X3C		44				L	3	3	3	1	3	2		X	
2A3X3D		44				L	3	3	3	1	3	2		X	
2A3X3E		44				L	3	3	3	1	3	2		X	
2A3X3F		44				L	3	3	3	1	3	2		X	

AFSC	Note(s)	APTITUDE					PHYSICAL PROFILE						OTHER		
		M	A	G	E	X	P	U	L	H	E	S	M	N	O
2A3X3G		44				L	3	3	3	1	3	2		X	
2A3X3H		44				L	3	3	3	1	3	2		X	
2A3X3Z		44				L	3	3	3	1	3	2		X	
2A4X1					67	J	3	3	3	1	3	2			
2A4X2					67	J	3	3	3	1	3	2		X	
2A5X1A		44				L	3	3	3	1	3	2		X	
2A5X1B		44				L	3	3	3	1	3	2		X	
2A5X1C		44				L	3	3	3	1	3	2		X	
★2A5X1D		44				K	3	3	3	1	3	2		X	
2A5X1E		44				L	3	3	3	1	3	2		X	
2A5X1F		44				L	3	3	3	1	3	2		X	
2A5X1G		44				L	3	3	3	1	3	2		X	
2A5X1H		44				L	3	3	3	1	3	2		X	
2A5X2A		51				N	3	3	3	1	3	2		X	
2A5X2B		51				N	3	3	3	1	3	2		X	
2A5X2C		51				N	3	3	3	1	3	2		X	
2A5X3A					67	K	3	3	3	1	3	1		X	
2A5X3B					67	K	3	3	3	1	3	1		X	
2A5X3C					67	J	3	3	3	1	3	1		X	
2A6X1B		51				G	3	3	3	1	3	2		X	
2A6X1C		38				J	3	3	3	1	3	2		X	
2A6X1D		38				J	3	3	3	1	3	2		X	
2A6X1E		38				J	3	3	3	1	3	2		X	
2A6X2	2	44			33	H	3	3	3	1	3	2		X	
2A6X3		51				N	3	3	3	1	3	1		X	
2A6X4		44				J	3	3	3	1	3	2		X	
2A6X5		51				K	3	3	3	1	3	2		X	
2A6X6	2	39			60	K	3	3	3	1	3	2		X	
2A7X1		44				G	3	3	3	1	3	2		X	
2A7X2				43		G	3	3	3	1	3	3		X	
2A7X3		44				J	3	3	3	1	3	2		X	
2A7X4		38				J	3	3	3	1	3	3		X	
2E0X1					67	H	3	3	3	2	3	2		X	
2E1X1					67	J	3	3	3	2	3	3		X	
2E1X2					67	H	3	3	3	2	3	2		X	
2E1X3	4				67	J	3	3	3	2	3	3		X	
2E1X4					67	H	3	3	3	2	3	3		X	
2E2X1					67	J	3	3	3	2	3	3	X	X	
2E6X2		44				L	3	3	1	2	3	1		X	
2E6X3					46	K	1	1	1	2	2	1		X	
2F0X1	2	44		39		K	1	1	1	1	2	1		X	
2G0X1			61			G	3	3	3	2	3	3		X	
2M0X1					67	G	2	2	2	1	1	1	X	X	
2M0X1A					67	K	2	2	2	1	1	1		X	
2M0X1B					67	G	2	2	2	1	1	1		X	
2M0X2		44				N	2	2	2	1	1	1		X	
2M0X3					50	K	2	2	2	1	1	1		X	
2P0X1					67	J	3	3	3	2	3	2		X	
2R0X1				53		G	3	3	3	2	3	3			
★2R1X1				43		H	3	3	3	2	3	3		X	
2S0X1	1		45	43		J	3	3	3	3	3	3			
2S0X2			51			G	3	3	3	3	3	3			



AFSC	Note(s)	APTITUDE					PHYSICAL PROFILE						OTHER		
		M	A	G	E	X	P	U	L	H	E	S	M	N	O
2T0X1			40			J	3	3	3	2	2	3			
2T1X1		38				H	3	3	3	1	2	3			
2T2X1	2	44	32			J	3	3	3	1	2	3			
2T3X1		44				J	3	3	3	2	3	3			
2T3X2A		38				G	3	3	3	2	3	3			
2T3X2B		38				G	3	3	3	2	3	3			
2T3X4		44				J	3	3	3	2	3	3			
2T3X5		51				J	3	3	3	2	3	3			
2T3X7			45			G	3	3	3	2	3	3			
2W0X1	1	55		55		J	3	3	3	2	3	1		X	
2W1X1C	1	55			46	K	3	3	3	1	3	1		X	
2W1X1D	1	55			46	K	3	3	3	1	3	1		X	
2W1X1E	1	55			46	K	3	3	3	1	3	1		X	
2W1X1F	1	55			46	K	3	3	3	1	3	1		X	
2W1X1H	1	55			46	K	3	3	3	1	3	1		X	
2W1X1K	1	55			46	K	3	3	3	1	3	1		X	
2W1X1L	1	55			46	K	3	3	3	1	3	1		X	
2W1X1Z	1	55			46	K	3	3	3	1	3	1		X	
2W2X1		55				G	3	3	3	2	3	1		X	
3A0X1			32			G	3	3	3	2	3	3			
3C0X1				60		G	3	3	3	2	3	1		X	
3C0X2				60		G	3	3	3	2	3	3		X	
3C1X1			45			J	2	2	2	1	2	1		X	
3C1X2				43		G	3	3	3	2	3	3		X	
3C2X1					67	H	3	3	3	2	3	1		X	
3C3X1				58		G	3	3	3	2	3	3		X	
3E0X1					33	M	1	1	1	2	2	1			
3E0X2	2	51			43	K	3	3	3	2	2	3			
3E1X1	1	44			33	M	3	3	3	2	2	3			
3E2X1		38				N	3	3	3	2	2	1			
3E3X1		44				K	3	3	3	2	2	3			
3E4X1		44				J	3	3	3	2	2	3			
3E4X2		44				G	3	3	3	2	2	3			
3E4X3				39		J	3	3	3	2	2	3			
3E5X1				48		G	3	3	3	2	2	3			
3E6X1				43		G	3	3	3	2	2	3			
3E7X1				39		N	1	1	1	2	2	1		X	
3E8X1	2	55		60		H	3	3	3	1	3	1		X	
3E9X1				58		H	2	2	2	2	2	1		X	
3H0X1				69		G	3	3	3	2	3	3		X	
3M0X1				30		H	3	3	3	3	3	3			
3N0X1				69		G	3	3	3	3	3	3			
3N0X2				69		H	3	3	3	3	3	1		X	

AFSC	Note(s)	APTITUDE					PHYSICAL PROFILE						OTHER		
		M	A	G	E	X	P	U	L	H	E	S	M	N	O
3U0X1				64		G	3	3	3	2	3	3			
3V0X1				43		G	3	3	3	2	3	3		X	
3V0X2				43		H	2	2	2	2	1	1		X	
3V0X3				58		J	2	2	2	2	1	1		X	
4A0X1				43		G	3	3	3	2	3	3			
4A1X1				43		H	3	3	3	3	2	3			
4A2X1					67	H	2	2	2	3	3	1			
4B0X1				48		J	3	3	3	3	2	3			
4C0X1				53		G	2	2	2	2	3	1			
4D0X1				43		G	3	3	3	2	3	2			
4E0X1				43		H	3	3	3	2	2	2			
4F0X1				43		H	1	1	1	2	2	1			
4H0X1				43		G	3	3	3	3	3	3			
4J0X1				53		G	2	2	2	2	2	1			
4J0X2				48		G	1	1	1	2	2	1			
4M0X1				43		G	1	1	1	1	2	1			
X4N0X1				43		K	1	1	1	1	2	1			
4N0X1				43		G	3	3	3	2	2	3	X		
4N0X1A				43		G	3	3	3	2	2	3			
4N0X1B				43		G	3	3	3	2	2	1			
4N1X1				43		G	3	3	2	3	3	3	X		
4N1X1B				43		G	3	3	2	3	3	3			
4N1X1C				43		G	3	3	2	3	3	3			
4N1X1D				43		G	3	3	2	3	3	3			
4P0X1				43		H	2	2	2	2	2	1			
4R0X1				43		G	3	3	3	2	3	3	X		
4R0X1A				43		G	3	3	3	2	3	3			
4R0X1B				43		H	3	3	3	2	3	3			
4R0X1C				43		H	3	3	3	2	3	3			
4T0X1				58		G	3	3	3	3	3	3			
4T0X2				43		G	3	3	3	3	3	3			
4T0X3				43		G	3	3	3	3	3	3			
4U0X1				43		G	3	3	3	3	3	3			
4V0X1				53		G	3	3	3	2	2	3	X		
4V0X1A				53		G	3	3	3	2	2	3			
4Y0X1				43		G	3	3	3	2	3	3			
4Y0X2				64		G	2	1	2	2	2	1			
5J0X1				50		G	3	3	3	3	3	3			
5R0X1	1		40	43		G	3	3	3	2	3	3			
6C0X1				70		G	3	3	3	2	3	3			
6F0X1				55		G	3	3	3	3	3	3			
7S0X1				43		G	2	2	2	2	2	1		X	
8A100	3			45		G	3	3	3	2	3	3			
8B000				48		G	1	2	1	2	2	1			
8B100				48		G	1	2	1	2	2	1			
8C000						G	3	3	3	2	2	3			
8D000				69		G	3	3	3	2	2	1		X	
8E000				30		G	3	3	3	3	3	3			
8F000	1		45	58		G	3	3	3	2	3	1			
8G000				30		G	1	1	1	1	1	1		X	
8J000				35		K	2	2	2	2	2	1			
8M000			32			K	2	1	1	2	2	1		X	

AFSC	Note(s)	APTITUDE					PHYSICAL PROFILE						OTHER		
		M	A	G	E	X	P	U	L	H	E	S	M	N	O
8P000				44		N	1	1	1	2	2	1		X	
8P100						G	3	3	3	3	3	3		X	
8R000				30		G	1	1	1	3	2	1			
8T000				30		G	2	2	2	2	2	1			
9A000															
9A100															
9A200															
9A300															
9C000						G	3	3	3	3	3	3			
9D000				45		G	3	3	3	3	3	3			
9E000						G	3	3	3	3	3	3			
9F000						G	3	3	3	3	3	3			
9G000						G	3	3	3	3	3	3			
9J000															
9L000				69		G	3	3	3	1	2	1		X	
9P000															
9R000															
9S100	2	83			81	K	2	2	2	2	2	1		X	
9T000															
9T100															
9T200															
9U000															
9U100															

**NOTES:**

1. Dual aptitude (or)
2. Dual aptitude (and)
3. See entry specialty description for physical requirements.
4. AFSC J2E1X3 is not authorized for award to enlisted women.

## Attachment 40

### SPECIAL EXPERIENCE IDENTIFIERS

#### Introduction

**1. Special Experience Identifiers (SEI).** The SEIs in this attachment identify special experience and training not otherwise identified within the personnel data system (PDS). SEIs complement the assignment process but are not substitutes for AFSCs, CEM codes, prefixes, suffixes, SDIs, RIs, personnel processing codes, and professional specialty course codes. They are established when identifying experience or training is critical to the job and person assignment match, and no other identification is appropriate or available. SEIs permit rapid identification of a resource already experienced to meet unique circumstances, contingency requirements, or management needs. They provide a means to track individuals and identify positions requiring or providing unique experience or training that otherwise would be lost. SEIs may be used to better distribute personnel and optimize the job and person match insofar as possible.

**2. Authorized AFSCs.** Unless indicated otherwise, AFSCs and CEM codes listed as authorized for use with SEIs refer to the basic AFSC plus all shredouts. All authorized skill levels of the basic AFSC are listed, including 9-skill levels and CEMs. If an AFSC is followed by an asterisk, then the SEI is authorized for use with the basic AFSC only; it is not authorized for use with suffixes of that AFSC.

**3. SEI Structure.** The SEI code is composed of three numeric characters (three alphanumeric characters for Air Intelligence Agency SEIs which are described in attachment 41). Individual characters within the codes have no specific meaning. Most SEIs are authorized for award with specific AFSCs; some are authorized with any AFSC.

**4. Establishing SEIs.** Requests to establish, delete, or revise SEIs must be submitted according to the instructions in paragraph 5 of this manual.

**5. SEI Field in the PDS.** PDS space limitations restrict the number of SEIs that may be concurrently recorded in an airman record to one with the control AFSC (CAFSC), five with the primary AFSC, five with the 2AFSC, four with the 3AFSC, three with the 4AFSC, and one in the general SEI area. Computer edits ensure the AFSC-SEI combinations are valid. The general area is used for SEIs authorized with any AFSC.

**6. Computer-Generated SEI Award Notification** (AFCSM 36-699, *Personnel Data Systems*, volume 1,). The SEI is designated with the CAFSC when an enlisted airman is assigned to a unit manpower document (UMD) position identified with an SEI. If the UMD position is not identified with a specific SEI, any authorized SEI may be designated with the CAFSC when it is known that an individual working in that UMD position will gain special experience. After experience and training requirements have been satisfied, computer suspense notification will be provided as a reminder to award the SEI. Award suspense is performed for numeric SEIs only.

SEI Code	Title	Explanation/Designation Criteria	Authorized AFSCs/ CEM Codes		
001	Arms Control	Requires completion of course AFACC-001 (PDS code B3I), 9 months of experience, and commander's recommendation.	2AXXX 2M072 2W071 3A0X1	2M090 2M073 2W1XX 3P0X1	2M071 2R1X1 2W2XX 3V072
002	Joint Military Intelligence College (JMIC)	Requires graduation from the DIC Senior Enlisted Intelligence Program (SEIP) or the Post Graduate Intelligence Program (PGIP).	1NX00 8D000	1NX7X	1NX9X
004	Orderly Room/Unit Administration	Used to identify Health Services Management personnel and positions (AFSC 4A031/51/71) in Medical Treatment Facility orderly rooms that will convert to AFSCs 3S031/51/71. HQ AFPC/DPPAC will provide specific guidance and instructions on the application and award of this SEI via message.	3S031/51/71/90 4A031/51/71		
009	Wholesale Logistics Experience	Member must have completed a 3-year career-broadening program in an AFMC or Defense Logistics Agency (DLA) activity. HQ AFPC/DPAAD awards SEI only.	2S000	2S071	2S090
011	Modeling and Simulation (M&S)	Requires 15 months of experience in a valid M&S position, and recommendation by the M&S activity director and unit commander.	3A0XX 3S2X1	3C0XX	3S0XX
013	Data Formatting Equipment Operator	Requires 6 months of experience and supervisor's recommendation.	2AXXX	2PXXX	
014	AFOSI Technical Services	Requires completion of AFOSI Basic Technical Training, OSITEC8200-000 (PDS code ZQY), plus certification by HQ AFOSI Technical Services Program Division.	7SXXX		
015	Special Technical Operations	Requires recommendation and certification by the Joint Staff.	1C3XX 2SXXX 3C2XX	1C5XX 3AXXX	1C6XX 3C000
016	Quality Air Force (QAF) Advisor	Requires a minimum of 100 hours of quality related training by a professional body such as the Air Force Quality Institute or American Society for Quality Control; one year of experience as a Quality Advisor to an organizational commander when more than 50 percent of individual's time is spent working quality issues or 6 months of experience when 100 percent of time is spent working quality issues; and wing or equivalent commander recommendation. <b>NOTE:</b> Individuals previously qualified in SEI 092 - Air Force Quality Advisor may be awarded 016 based on their prior qualification.	1XXXX 4XXXX 7XXXX	2XXXX 5XXXX 8XXXX	3XXXX 6XXXX 9XXXX

SEI Code	Title	Explanation/Designation Criteria	Authorized AFSCs/ CEM Codes		
017	Quality Air Force (QAF) Facilitator	Requires graduation from a QAF facilitator course; facilitate or cofacilitate minimum of two process action teams, includes quality councils, other teams such as natural work teams, and semipar groups in formal courses at the Air Force Quality Institute or other organization-teaching (QAF); successfully demonstrate facilitation skills from start to finish under mentorship of a QAF qualified facilitator; and possess QAF Facilitator Certificate issued by a wing or equivalent commander. <b>NOTE:</b> Individuals previously qualified in SEI 093 - Air Force Quality Facilitator, may be awarded 017 based on their prior qualification.	1XXXX 4XXXX 7XXXX	2XXXX 5XXXX 8XXXX	3XXXX 6XXXX 9XXXX
018	Quality Air Force (QAF) Instructor	Requires completion of all five formal QAF core courses and determination of proficiency to teach content material; proficiency determination in instruct-or areas of presentation and platform skills by a QAF Master Instructor; successful evaluation by a QAF Master Instructor, and possess a QAF Instructor Certificate issued by wing or equivalent commander.			
019	Quality Air Force (QAF) Master Instructor	Requires qualification as a QAF Instructor; have successfully taught all QAF core courses (Awareness, QAF Leaders, QAF Team Leader, QAF Facilitator, and QAF Team Member); successful completion of Advanced Instructional Systems course; successful evaluation by a QAF Master Instructor; and possess a QAF master Instructor Certificate signed by the Air Force Quality Institute and wing or equivalent commander.			
022	AN/TSC-107	Requires supervisor's recommendation and either (1) 10 months of experience; or (2) completion of AETC course E3AZR2E153-035 (PDS code 3PM) and 4 months of experience.	2E133/53/73		
023	AN/TRC-170 Digital Troposcatter Radio	Requires completion of course E2ASR2E155-014 (PDS code 16T) and 6 months of experience; or 12 months of experience and supervisor's recommendation.	2E000	2E1X1	2E190
024	AN/TYC-39 and/or AN/TTC-39A	Requires completion of course E5ASA29570-000 (PDS code 3KR), E5ASA29570-001 (PDS code 2J9), or E5ASA30554-007 (PDS code 3KT) and 6 months of experience; or 12 months of experience plus supervisor's recommendation.	2E251/71/91		

SEI Code	Title	Explanation/Designation Criteria	Authorized AFSCs/ CEM Codes		
025	Circuit Card Repair (CCR) Maintenance Technician (Created 31 Oct 98)	Requires completion of the following courses: J4AMF/ASF/AST30000-110 (PDS code 17G), J4AMF/ASF/AST30000-113 (PDS code 17F), 12 months of experience, and supervisor's recommendation.	2A051A/B 2A171 2A153 2A177 2A352 2A471 2A553A/B 2A672 2P051 2W171	2A071A/B 2A152 2A173 2A351 2A372 2A452 2A573A/B 2A656 2P071	2A151 2A172 2A157 2A371 2A451 2A472 2A652 2A676 2W151
030	KN-S4100 Digital Telephone Switching System	Requires supervisor's recommendation and either (1) completion of course J5AZA36251-002 (PDS Code OKA) and 6 months of experience, or (2) 12 months of experience.	2E000	2E690	2E6X3
031	Crime Prevention/ Resources Protection	Requires (1) completion of AFIT course WCIPO7A, Crime Prevention Theory, Practice, and Management (PDS code 1F2); (2) 12 months of experience in crime prevention/resources protection duties; and (3) recommendation by the Base Chief of Security Police.	3P0XX		
032	Budget Experience	Requires either (1) 12 months of experience in a budget position; or (2) completion of the advanced budget training course and 6 months of experience in a budget function.	6F000	6FOX1	
033	Digital Telephone Switching Systems, Digital Multiplex Switch 100/200 and Meridian Stored Logic 100/200	Requires supervisor's recommendation and either: (1) 12 months of experience; or (2) 6 months of experience and completion of one of the following courses: J3AZR36251-003, Digital Switching Systems Technician (PDS code 65F); J1ASC36251-068, DMS 100/200 Systems Maintenance (Scope Dial) (PDS code 1GY); J1ASC36251-074, DMS 100 System Translations (Scope Dial) (PDS code 3J4); J1ASC36251-088, Translations (BIDDS) (PDS code 9FX); or J1ASC36251-089 Maintenance (BIDDS) (PDS code 9FY).	2E000	2E690	2E6X3
035	Forward Area Refueling Point (FARP)	Award requires successful completion of Phase I, II, and III FARP training and completion of Physiological Training; six months of experience and a minimum of 4 FARP missions; successful completion of CDC requirements for AFSC 2F051; Fuels Management Flight Commander's recommendation and squadron commander's certification.	2FXXX		

<b>SEI Code</b>	<b>Title</b>	<b>Explanation/Designation Criteria</b>	<b>Authorized AFSCs/ CEM Codes</b>		
036	Cryotainer Maintenance	Award requires completion of course J3AZR2F051-005 (PDS code DDG), 3 months of experience working in a cryogenics storage function, supervisor's recommendation, and commander's certification.	2FXXX		
037	Cryogenic Fluid Production	Requires completion of Cryogenic Fluid Production course and 3 months of experience working in a cryogenic plant or in production of cryogenic fluid.			
039	Aviation Fuels Monitor	Requires completion of 3AZR63150-1, Aviation Fuels Monitor course, C3AZR63150-001 or CAST63150-005, Fuels Quality Control Specialist (PDS code BYP), plus 6 months of experience.	2FXXX		
040	Aviation Fuels Accounting	Requires completion of C4AST63150-005, Fuels Accounting, or 3AZR63150-2, Aviation Fuels Accounting (PDS code T3N), plus 6 months of experience.	2FXXX		
042	Special Planner	Requires completion of a Special Plans course or seminar and practical special plans experience. Adequacy of special plans experience will be determined by the MAJCOM Special Planner and approved by HQ USAF/XOXP.	Any AFSC		
043	Rockwell, Collins URG Equipment Maintenance	Requires 12 months of experience and specialized training as required.	2E000	2E190	2E1X3
045	Tactical Air Control System Direct Air Support Center/Air Support Operations Center (TACS DASC/ASOC)	Requires 6 months of experience in either a DASC or ASOC.	Any AFSC		
046	Tactical Air Control System Airborne Battlefield Command and Control Center (TACS)	Requires 12 months of experience.	1A3XX 1N000 2A1X3	1A4XX 1N0X1 2A190	1C5XX 2A4X2 2A590



SEI Code	Title	Explanation/Designation Criteria	Authorized AFSCs/ CEM Codes		
048	Joint Operations Planning System Automated Data Processing (JOPS ADP) User	Requires the following: (1) 18 months of experience in a JOPS position at MAJCOM level or higher; (2) completion of JOPS user course; (3) completion of either the ATC JOPS Executive Orientation course, the ATC JOPS Systems Software Support course, or the JOPS CDTs course; and (4) thorough knowledge of (a) USAF War & Mobilization Plans, volumes I, III, & IV, procedures described in AFI 10-401 and JOPS volumes I through IV, and (b) JOPS ADP modules used in manipulation and analysis of OPLAN data.	2GXXX		
049	Joint Operation Planning and Execution (JOPES) Automated Data Processing (ADP) Technician	Requires (1) knowledge of USAF War and Mobilization Plans volumes I, III, and IV procedures described in AFMAN 10-401, JOPES volumes I and II; (2) knowledge of JOPES ADP modules used to manipulate and analyze OPLAN data; (3) completion of the Contingency Wartime Planning Course and JOPES course; and (4) 12 months of experience in deliberate and crisis action planning.	1XXXX 4XXXX 7XXXX	2XXXX 5XXXX 8XXXX	3XXXX 6XXXX 9XXXX
050	Contingency Operation/Mobility Planning and Execution System (COMES) Technician	Requires (1) knowledge of USAF War and Mobilization Plans volumes I, III, and IV procedures described in AFMAN 10-401; (2) knowledge of COMPES modules used in inputting, extracting, manipulating, and analyzing OPLAN data; (3) completion of the Contingency Wartime Planning Course; and (4) 12 months of experience at major command or wing level in deliberate and crisis action planning.			
051	Worldwide Military Command and Control System (WWMCCS) Intercomputer Network (WIN) Operator	Requires (1) knowledge of WIN operations; (2) completion of the WIN course; and (3) 6 months of experience at major command, numbered Air Force, field operating agency, or wing WIN operations.			
052	Theater Battle Management (TBM)	Requires (1) knowledge of TBM command and control system (i.e., CTAPS); (2) completion of the Contingency Wartime Planning Course or Joint Doctrine Air Campaign Course; and (3) 6 months of experience in TBM duties.			

SEI Code	Title	Explanation/Designation Criteria	Authorized AFSCs/ CEM Codes		
053	Ground Control Approach	Requires certification in arrival, arrival assistant, and radar final control, and recommendation by immediate supervisor and commander.	1C1XX		
054	Ground Control Approach Watch Supervisor/ Senior Controller	Requires qualification as a Watch Supervisor/ Senior Controller.			
055	Control Tower Watch Supervisor/Senior Controller				
056	Control Tower	Requires certification in local control, ground control, and flight data, and recommendation by immediate supervisor and commander.			
058	Atmospheric Research Equipment	Requires position qualification in atmospheric research equipment; 12 months of experience; and supervisor's recommendation.	RI 9S100		
064	Combat Crew Training	Requires 12 months of experience and certification by immediate supervisor and commander.	1A0XX		
065	Central Flight Instructor Course Instructor	Requires 12 months of experience, be a graduate of Central Flight Instructor Course, and certification by immediate supervisor and commander.	1A0XX		
071	General Purpose Vehicle and Equipment Maintenance	Requires prior qualification in and possession of AFSC 2T470 or 2T4X1/X2 prior to 31 Oct 97.  <b>NOTE:</b> This SEI will be deleted from the airman classification system 31 Oct 99.	2T470	2T4X1/X2	
072	Special Purpose Vehicle and Equipment Maintenance	Requires prior qualification and possession of AFSC 2T370 or 2T3X1 or 2T3X2A/B prior to 31 Oct 97.  <b>NOTE:</b> This SEI will be deleted from the airman classification system 31 Oct 99.	2T370 2T3X2A/B	2T3X1	
073	KC-135 Boom Operator	Requires 24 months of experience and certification by immediate supervisor and commander.	1A0XX		
074	EC/KC-135 Boom Operator	Requires 12 months of experience, must possess SEI 073, and be certified by immediate supervisor and commander.			
075	Alert Facility Manager	Requires 12 months of experience and certification by immediate supervisor and commander.			
076	Upgrade Manager				
084	Aircraft Flight Test	Requires 12 months of experience in flight test and evaluation of new or improved aircraft systems/sub-systems and recommendation by unit commander.	1AXXX 2PXXX 2R071 2R191 2S051 2W1XX	2AXXX 2R000 2R051 2R171 2S071	2EXXX 2R091 2R100 2R151 2T251

SEI Code	Title	Explanation/Designation Criteria	Authorized AFSCs/ CEM Codes		
089	CORONET SPARK	Requires 6 months of experience and supervisor's recommendation. Final approval authority for designation is unit commander.	Any AFSC or CEM Code		
090	Tanker/Airlift Control Element (TALCE)	Requires 9 months of experience in an authorized ALCE position and ALCE commander's recommendation.	1A0XX 1C0X1 2A190 2A4X2 2A600 2E190 3E0X2	1A2XX 1C0X2 2A1X3 2A590 2A6X2 2E1X3	1C000 2A000 2A300 2A5X3 2E000 3E0X0
★095	Operational Test and Evaluation (OT & E)	Requires 24 months of experience as an operational tester assigned to any headquarters or major command operational test activity (OTA) or deputy chief of staff (DCS) responsible for the conduct of OT & E; completion of the Air Force Operational Test and Evaluation Center OT & E Training Course or the Air Force Institute of Technology System 100 (PDS code 2RX) or 229 (PDS code TR9) course; and recommendation by the OTA commander or the DCS.	1AXXX 1C100 1C2X1 1C400 1C5X1 1NXXX 1T2XX 2A1X1 2A1X4 2A390 2A5XX 2A7X1 2EXXX 2M0XX 3CXXX 3S2XX	1C000 1C1X1 1C300 1C4X1 1C600 1SXXX 2A0XX 2A1X2 2A1X7 2A4X1 2A6XX 2A7X3 2FXXX 2RXXX 3P000 8E000	1C0X2 1C200 1C3X1 1C500 1C6X1 1T1XX 2A190 2A1X3 2A300 2A4X2 2A790 2A7X4 2GXXX 2SXXX 3P0X1
126	Acquisition Logistics, Level I	Requires Acquisition Logistics Level I certification.	2AXXX 2G0XX 2R000 2R091 2S0XX 3C000	2EXXX 2M0XX 2R051 2R100 2TXXX 3C090	2F0XX 2P0XX 2R071 2R1X1 2WXXX 3C0X1
127	Acquisition Logistics, Level II	Requires Acquisition Logistics Level II certification.	2AX00 2E0XX 2E190 2E251/71/91 2E65X/7X 2F051/71/91	2AX5X/7X/9X 2E051/71 2E15X/7X 2E6X0 2F000 2G000	
128	Acquisition Logistics Level III	Requires Acquisition Logistics Level III certification.	2G051/71/91 2M05X/7X 2P051/71/91 2R051/71/91 2R151/71/91 2S05X/7X 2TX5X/7X/9X 2WX5X/7X/9X 3C051/71	2M090/00 2P000 2R000 2R100 2S090/00 2TX00 2WX00 3C090/00	

SEI Code	Title	Explanation/Designation Criteria	Authorized AFSCs/ CEM Codes		
CONTRACTING SEIs					
129	Contracting, Level I	Requires Contracting, Level I certification.	6C0XX		
130	Contracting, Level II	Requires Contracting, Level II certification.	6C000	6C051/71/91	
131	Contracting, Level III	Requires Contracting, Level III certification.			
132	Communications-Computer Systems, Level I	Requires Communications-Computer Systems Level I certification.	2E000 2E690 2P0XX 3C3XX	2E1XX 2E6X3 3C0XX	2E2X1 2G0XX 3C2XX
133	Communications-Computer Systems, Level II	Requires Communications-Computer Systems Level II certification.	2E000 2E2X1	2E190	2E15X/7X
134	Communications-Computer Systems, Level III	Requires Communications-Computer Systems Level III certification.	2E690 2G000 2P000 3C090/00 3C251/71/91	2E653/73 2G051/71/91 2P051/71/91 3C05X/7X 3C351/71/91	
150	Contracting-Staff/Supervision	Requires 12 months of experience in management, control, and accomplishment of the unit-contracting mission. This includes staff positions and contracting officer positions involving purchase of supplies, services, and construction in support of local operations. Also requires supervisor's recommendation.	6CXXX		
151	Warranted Contracting Officer	Requires 12 months of experience in pre-award, award, and post-award contracting, requiring the possession and exercise of a contracting officer's war-rant to effect the purchase of supplies, services, and construction in support of local operations. It includes pricing and warranted contracting officer actions relating to contract termination. Also, requires supervisor's recommendation.	6CXXX		
153	Contract Administration	Requires 12 months of experience in pre-award, award, and post-award activities related to the administration of contracts to secure supplies, services, and construction in support of local operations. It includes pre-award surveys, production expediting, and con-tract status determination and reporting.	6CXXX		
COMMUNICATIONS-ELECTRONICS SEIs					
161	Mission Support System (MSS) & AFMSS	Requires supervisor's recommendation and either (1) 6 months of experience and completion of one of the following courses: E1ASE30650-020 (PDS2E051 JVW), E3AZR-30650-013 (PDS code JVS), E4AST 30650-014 (PDS code JVS), E3AZR30650-036 (PDS code LQO), or E4AST-30650-000 (PDS code LQO); or (2) 12 months of experience.	2E051/71 2E152/72 2E154/74 2E6X3	2E151/71 2E153/73 2E251/71 3C251/71	

SEI Code	Title	Explanation/Designation Criteria	Authorized AFSCs/ CEM Codes		
162	Intratheater Imagery Transmission System (IITS)	Requires supervisor's recommendation and either (1) 6 months of experience and completion of one of the following courses: E3AZR30454-048 (PDS code JT2) or E4AST-30454-095 (PDS code J5X); or (2) 12 months of experience.	2E051/71 2E152/72 2E154/74	2E151/71 2E153/73 2E251/71	
168	WSR - 88D, Next Generation Weather Radar (NEXRAD)	Requires 12 months of experience, satisfactory completion of course E3AZR30351-014 (PDS code M3B), and supervisor's recommendation.	2E000 2E190	2E031/51/71	
169	Tactical Weather Radar - TPS-68S	Requires 6 months of experience and supervisor's recommendation.			
174	AN/GPN-22	Requires 12 months of experience and supervisor's recommendation.	2E000 2E190	2E031/51/71	
175	TEMPEST Technician	Requires completion of an Emission Security Management Course, E30ZR33S3A-000, PDS Code 40Q, plus 2 years of additional experience assigned to an Information Assurance MAJCOM or Wing Level position.	2E000 2E2X1	2E190	2E1X3
176	Theater Battle Management (TBM) Systems Administration and Network Support	Award requires (1) 6 months of experience in uniplexed information and computing (UNIX) operation system, oracle and sybase database administration, structured query language (SQL), and transmission control protocol/internet protocol (TCP/IP) in direct support of systems and network administration for a TBM system; (2) supervisor's recommendation; and (3) commander's certification that member meets criteria.  <b>NOTE:</b> Completion of formal system specific training, e.g. Air Ground Operations School (AGOS) contingency theater automated planning system (CTAPS), AETC global command and control (C2) system (GCCS), or C2 information processing system (C2IPS) system administration courses may be substituted for experience requirement.	3C0X1	3C2X1	
177	UNIX System Administrator	Requires 6 months experience as a UNIX system administrator and supervisor's recommendation.	3C0X1 3C000	3C0X2 3C2X1	3C090
178	Digital European Backbone (DEB)	Requires 6 months of experience and supervisor's recommendation.	2E000	2E190	2E1X1
179	Communications Antenna Systems	Award requires prior qualification in and possession of AFSC 2E6X1.  <b>NOTE:</b> SEI 179 will be deleted from the Airman Classification System 31 Oct 02.	2E6X2		
180	AN/MST-T1	Requires 12 months of experience and supervisor's recommendation.	2E000	2E031/51/71	2E190
181	Modular Control Equipment AN/FYQ 23	Requires prior qualification in and possession of AFSC 2E2X1A.  <b>NOTE:</b> This SEI will be deleted from the enlisted classification system 31 Oct 02.	2E2X1		

SEI Code	Title	Explanation/Designation Criteria	Authorized AFSCs/ CEM Codes		
182	AN/MPS-T1	Requires 12 months of experience and supervisor's recommendation.	2E000	2E031/51/71	2E190
183	Airborne Computer Maintenance (AWACs)	Requires prior qualification in and possession of AFSC 2E2X1B.  <b>NOTE:</b> This SEI will be deleted from the enlisted classification system 31 Oct 02.	2E2X1		
184	Strategic Communications Systems (SACCS)	Requires prior qualification in and possession of AFSC 2E2X1C.  <b>NOTE:</b> This SEI will be deleted from the enlisted classification system 31 Oct 02.	2E2X1		
186	Secure Communication Systems	Requires prior qualification in and possession of AFSC 2E3X1  <b>NOTE:</b> This SEI will be deleted from the enlisted classification system 31 Oct 02.	2E2X1		
187	National Military Command Center Communications-Electronics Systems Maintenance	Requires 12 months of experience and supervisor's recommendation.	2E000 2E1X4	2E190 2E2X1	2E1X3
190	Bamboo Tree	Requires supervisor's recommendation and (1) 3 years of experience on Bamboo Tree modified equipment, or (2) formal school plus 1 year of experience on Bamboo Tree modified equipment.	2E190	2E1X3	
191	AN/TSC-114 Military Airlift Command Airlift Control Element (ALCE) Reaction Communication (MARC) System	Requires supervisor's recommendation and 6 months of experience in an ALCE or fixed or deployable airlift control center working with a AN/TSC-114 MARC system.	2A190 2A6X2 2E190	2A1X3 2A590 2E1X1	2A4X2 2A5X3 2E1X3
193	AN/FYQ-8	Requires 6 months of experience and supervisor's recommendation.	2E000		
195	Radar Sensor Operations Maintenance Evaluation		1C500 2E000 2E2X1 3V0X2	1C5X1 2E0X1 3C0X2	1W0X1 2E190 3E5X1
199	AN/GMD-5	Requires supervisor's recommendation and either (1) completion of course C3AZR30250-013 (PDS code 8WM) and 6 months of experience, or (2) 12 months of experience.	2E000	2E190	2E1X2
200	Electronic Installation (EI)	Requires completion of courses AFCC 30XXX-000 (PDS code 8XZ), AFCC EI quality assurance evaluation, certification as EI Team Chief, 6 months of experience after certification, and supervisor's recommendation.	2E000 2E152/72 2E190 2E690	2E051/71 2E153/73 2E251/71/91 2E653/73	2E151/71 2E154/74 2E652/72

SEI Code	Title	Explanation/Designation Criteria	Authorized AFSCs/ CEM Codes		
202	CEM Quality Control	Requires supervisor's recommendation and either (1) completion of course 3AZR00066 (PDS code RFV) and 6 months of experience, or (2) 12 months of experience.	1C6XX 3C000	2EXXX 3C2XX	
205	Strategic Automated Command and Control System (SACCS)	Requires 6 months of experience and supervisor's recommendation.	2E2X1		
207	AN/ARC-96	Requires 6 months of experience and supervisor's recommendation.	1A3XX		
208	Global Command and Control Systems (GCCS) Systems Administration and Database Support	Requires completion of one of the following courses: E30AR33S0 007 (PDS 5F4), E30AR33S0 009 Z (PDS 6WB), E30AR33S0 000 (PDS 024), or E30AR33S0 006 (PDS 5EN) and 6 months of experience; or 12 months of experience plus supervisor's recommendation.	3C0X1	3C2X1	
209	Imagery Systems Maintenance	Requires prior qualification and possession of AFSC 2E5X1 prior to 30 April 1998.	2E1X4		
210	AN/FPQ-21	Requires supervisor's recommendation and either (1) completion of course C5AZG30270-000 (PDS code 5XR) and 6 months of experience; or (2) 12 months of experience.	2E000 2E1X2	2E031/51/71	2E190
219	AN/FPS-77	Requires supervisor's recommendation and either (1) 6 months of experience plus completion of an AN/FPS-77 course provided by a central repair activity; or (2) 12 months of experience.	2E000 2E1X2	2E031/51/71	2E190
221	AN/FRC-117	Requires 6 months of experience and supervisor's recommendation.	2E000	2E190	2E1X3
225	Range Operations	Requires 12 months of experience in test and evaluation and recommendation by immediate supervisor.	1C551/71/91/00 1C551D/71D		
226	Space Systems (Created 30 Apr 00)	Award requires prior qualification in and possession of AFSC 2E4X1.  <b>NOTE:</b> SEI 226 will be deleted from the Airman Classification System 30 Apr 02.	2E1X1		
227	Instrumentation and Telemetry Systems (Created 30 Apr 00)	Award requires prior qualification in and possession of AFSC 2E8X1.  <b>NOTE:</b> SEI 227 will be deleted from the Airman Classification System 30 Apr 02.			
233	Defense Message System	Award requires (1) completion of course E3AZR-3C051-024 (PDS 4IS), or completion of all of the following Lockheed Martin contracted courses: T0000-3X, T00005, T00007, and T00009X or Lockheed Martin instructor versions of these courses (T00004X, T00006, T00008, and T000010X respectively), and (2) 6 months hands-on system administration in direct support of DMS or (3) a minimum of 18 months of hands-on experience; plus supervisor's and commander's recommendation.	3C0X1	3C2X1	

SEI Code	Title	Explanation/Designation Criteria	Authorized AFSCs/ CEM Codes		
239	Combat Crew Communications	Identifies personnel with experience and training in providing communications support to combat aircrews. Requires 12 months of experience with training in combat crew communications, including participation in combat mission folder preparation.	3C000	3C1X1	
242	AN/TCC-30	Requires 12 months of experience and supervisor's recommendation.	2E000		
243	Commercial Communications	Requires supervisor's recommendation and either (1) 6 months of experience or (2) training at the AFCC Commercial Communications School (CCS) and 3 months of experience.	2E000 2E6X0 3C2XX	2E190 2E6X3	2E1X1 3C000
244	AN/TPN-19	Requires 12 months of experience and supervisor's recommendation.	2E000	2E031/51/71	
246	AN/TPS-43		2E190		
248	AN/TSQ-91		2E000	2E2X1	
252	"Strawhat" Communications System		2E000	2E2X1	
253	TSEC/KW-37				
254	TSEC/KY-9				
256	Airborne Command Post	Requires 12 months of experience and supervisor's recommendation.	1A3XX		
261	Automatic Digital, Net, Mode V Control Unit	Requires 6 months of experience and supervisor's recommendation.	2E000	2E2X1	
263	Automatic Secure Voice System	Requires 12 months of experience and supervisor's recommendation	2E000	2E2X1	
269	COMSEC Accounting	Requires 6 months of experience and supervisor's recommendation.	1A3XX	3C0XX	
270	ECCM/ECM	Requires completion of an AETC or equivalent course in electronic countermeasures/counter-counter-measures plus 6 months of experience and supervisor's recommendation.	1A4XX 1C551D/71D	1C551/71	
276	Defense Satellite Communications System (DSCS) Ground Terminals	Requires 18 months of experience on any of the following systems: AN/TSC-54, AN/MSC-46, AN/FSC-78, AN/GSC-49, or AN/GSC-52, plus supervisor's recommendation.	2E000	2E190	2E1X1
277	Tactical Air Control Systems/Combat Control Team	Requires completion of Equipment Proficiency Certification and completion of the unit mobility school, plus supervisor's recommendation.	Any AFSC		
278	Meridian Stored Logic 1 (MSL 1) (Created 31 Oct 99)	Award requires: (1) 12 months of experience and supervisor's recommendation; or (2) 6 months of experience, completion of an AFETS or commercial course, and supervisor's recommendation.	2E000	2E690	2E6X3
282	Technical Evaluation Program (TEP) (SCOPE/CREEK)/ Special Maintenance Team	Requires 12 months of experience and supervisor's recommendation.	2E000 2E1X1 2E2X1	2E031/51/71 2E1X2	2E190 2E1X3
283	Optical Solar Telescope (AN/FMQ-7)	Requires 12 months of experience and supervisor's recommendation.	2A000 2E000	2A190 2E190	2A1X1 2E1X2



SEI Code	Title	Explanation/Designation Criteria	Authorized AFSCs/ CEM Codes		
284	Solar Radio Telescope (AN/FRR-95)	Requires 12 months of experience and supervisor's recommendation.	2E000	2E190	2E1X2
285	RVR-400	Requires 6 months of experience and supervisor's recommendation.			
286	Global High Frequency (HF) Systems	Requires supervisor's recommendation and either (1) completion of formal training plus 6 months of experience with completion of proficiency training; or (2) 12 months of experience with completion of proficiency training.	2E000	2E190	2E1X3
287	Base Installation Security Systems (BISS)	Requires supervisor's recommendation and either (1) formal training plus 6 months of additional experience; or (2) 9 months of experience.	2E000	2E190	2E1X4
290	Air Weather Service Defense Meteorological Satellite Program (DMSP) Equipment - MARK IV	Requires 12 months of experience and supervisor's recommendation.	2E000	2E1XX	
291	Missile Communications System Evaluator/Instructor	Requires 12 months of experience, completion of task qualifications on respective missile communications system, completion of course Y140005, Information Systems Evaluator/Instructor Course (PDS code 77C), and supervisor's recommendation.	2E000 2E190 2E652/72	2E151/71 2E231/51/71/91	2E153/73
292	Satellite Ground Communications	Requires supervisor's recommendation and either (1) completion of a formal course in the AN/TSC-94/94A or AN/TSC-100/100A plus 6 months of experience, or (2) 12 months of experience.	1C6XX 2E1X1	2E000 2E1X3	2E190
294	Air Weather Service Defense Meteorological Satellite Program (DMSP) Equipment - MARK IIA/ MARK III	Requires completion of a DMSP technical training course plus 4 months of additional experience and supervisor's recommendation.	2A000 2E000	2A190 2E1XX	2A1X1
297	Personnel Control Team (PCT) Member	Requires Military Personnel Flight Chief recommendation and (1) completion of all mandatory task performance requirements in the Personnel Support for Contingency Operations (PERSCO) Air Force Job Qualification Standard (JQS); (2) completion of all mandatory PERSCO Manpower and Personnel Base level (MANPER-B) operator task performance requirements in the MANPER-B JQS; and (3) 6 months of PERSCO experience after completing task qualification training or be deployed for at least 30 days as a PERSCO team member for a Joint Chiefs of Staff, major command, or exercise deployment operation.  <b>NOTE:</b> All JQS qualification training must be completed within 12 months of the date assigned to PERSCO according to AFI 10-215.	3S051/71		

SEI Code	Title	Explanation/Designation Criteria	Authorized AFSCs/ CEM Codes		
299	Manpower and Personnel Base Level (MANPER-B) Operator	Requires Military Personnel Flight Chief recommendation and (1) successful completion of USAF MANPER-B Systems Course, E3AZR3S071-011/ E4AST3S071-009 (PDS code WIM) or an AFPC approved substitute course; and (2) completion of all mandatory task performance requirements in the MANPER-B Air Force Job Qualification Standard.  <b>NOTE:</b> All training must be completed within 12 months of being assigned to Personnel Readiness function or personnel support for contingency operations (PERSCO) MANPER-B position.	3S031/51/71	3S032/52/72	
<b>MISCELLANEOUS SEIs (continued) -- See SEIs 002-100</b>					
300	Technical Order Acquisition Verification Management	Requires 12 months of experience and supervisor's recommendation. Applicable to personnel who have been assigned to AF Materiel Command technical order acquisition/verification positions.	1AXXX 2M0XX 3E8XX	2AXXX 2PXXX 4A2XX	2EXXX 2WXXX
301	Air National Guard Readiness Center (ANGRC)	Requires completion of the ANGRC Contingency Support Staff Training Course.	Any AFSC		
302	ICBM Technical Engineering Personnel	Requires supervisor's recommendation, 12 months of technical engineering experience at a SAC ICBM unit, and completion of one of the following courses: C3AZR41170A-000(PDS code UT6), C3AZR-41170A-001 (PDS code PYT), C3AZR41170A-002 (PDS code U8Q), C3AZR-31670G-011 (PDS code UT6), C3AZR31670G-006 (PDS code PYT), or C3AZR31670G-010 (PDS code U8Q).	2M0XX		
303	Retention Office Manager (ROM)	Requires completion of Retention Office Management (ROM) course YPMEC RT (PDS 3QG).	8R000		
305	NCO Preparatory Course Instructor	Requires completion of the NCO Preparatory Course Instructor's course, MLMDC 001 (PDS code UOP).	Any AFSC		
306	Special Operations Force	Requires 6 months of experience in a Special Operations unit tasked with a counterinsurgency, psychological, or unconventional warfare mission, as defined in AFI 10-1301, <i>Air and Space Doctrine</i> .			
307	Flight Safety (Created 31 Oct 98)	Requires either (1) completion of course L3AZR 1S071-004, Flight Safety NCO course (PDS code 8RH) and 6 months of experience and supervisor's recommendation, or (2) 12 months of experience and supervisor's recommendation.	2A3XX 2A6XX	2A4XX	2A5XX

<b>SEI Code</b>	<b>Title</b>	<b>Explanation/Designation Criteria</b>	<b>Authorized AFSCs/ CEM Codes</b>		
308	Base Engine Manager	Requires completion of course C3AZR39270-001 (PDS code 3QV) or course J3AZR2E066-008 (PDS Code T5B) and 6 months of experience in engine manager duties; or 12 months of experience in engine manager duties.	2A300 2A590 2A600	2A390 2A5X1 2A6X1	2A3X3 2A5X2 2R1XX
311	Military Working Dog (MWD) Handler	Requires prior qualification in and possession of AFSC 3P051A, or 3P072A (prior to 31 Oct 97). Award SEI to AFSC 3P0X1 when personnel upgrade from AFSC 3P051A to 3P071.	3P000	3P071/91	
312	Combat Arms	Requires prior qualification in and possession of AFSC 3P051B, or, 3P171 (prior to 31 Oct 97). Award SEI to AFSC 3P0X1 when personnel upgrade from AFSC 3P051B to 3P071.	3P000	3P071/91	
314	Combat Logistics Support Squadron (CLSS) (Created 30 Apr 00)	Award requires 24 months of experience and commander's recommendation.	2A300 2A353A 2A590 2A551J 2A572/52 2A671A 2A675/55 2A773/53	2A390 2A353B 2A471/51 2A551K 2A600 2A651A 2A676/56	2A373 2A353J 2A571 2A551L 2A691 2A674/54 2A790
315	Central NOTAM Facility (CNF)	Requires 12 months of experience and certification by a supervisor.	1C000	1C0X1	
320	PMEL Production Scheduler	Requires 6 months of experience.	2R1XX		
321	Security Police Investigator	Requires completion of either L5AZA81172-000, Military Police Investigations (PDS code RZ4), or 50BO8200-000, Special Investigator (PDS code 0D8); or one of the following MAJCOM conducted Military Police Investigator (MPI) courses (completed on or after 1 Jul 85): MP-94, 830-85V, or 830-ASI-V5. Also, requires 12 months of experience as a full time security police investigator and recommendation of the base Chief of SP.	3P0X1		

<b>SEI Code</b>	<b>Title</b>	<b>Explanation/Designation Criteria</b>	<b>Authorized AFSCs/ CEM Codes</b>
322	Information Security Experience	<p>Requires completion of one of the following courses:</p> <p>1) L50ZD3193-002 (PDS code SNV) or, 2) L50ZD31P3-007 (PDS code 84B) or, equivalent MAJCOM recognized government or commercial security training course; plus completion of DoD Security Institute correspondence courses: DS-1103, DS2121, DS3121, DS33122, DS4121, and DS6100; plus 12 months of experience, and recommendation by the Chief of Security Forces.</p> <p>Or,</p> <p>Requires completion of one of the following courses:</p> <p>1) L50ZD3193-002 (PDS code SNV) or, 2) L50ZD31P3-007 (PDS code 84B) or, 3) An equivalent MAJCOM recognized government or commercial security training course, plus 18 months of experience, and recommendation by the Chief of Security Forces.</p>	3P0XX
323	Electronic Security Systems	<p>Requires completion of one of the following courses:</p> <p>L3AZR81150-008 (PDS code ZMV), L4AST81150-007 (PDS code ZMV), L3AZR81150-012 (PDS code 4FR), L4AST81150-012 (PDS code 4FR), L4AST81150-011 (PDS code 4FS), L2AZR3P071-000 (PDS code 8IN) (created Jul 98), L3AZR3P071-009 (PDS code 849) (created Oct 97), L3AZR3P071-012, (PDS code CJO), or L6AZS3P071-000 (PDS code CLO).;</p> <p>or completion of both L4AST81150-001 (PDS code T4A) and one of the following courses:</p> <p>L4AST81150-005 (PDS code YO8), L4AST81150-008 (PDS code 2K6), L5AST81150-013 (PDS code 4FT), or L6AZS81150-000 (PDS code 4FR).</p>	3P0XX

SEI Code	Title	Explanation/Designation Criteria	Authorized AFSCs/ CEM Codes		
325	Medical Readiness	Requires minimum grade of E-4 who has attained NCO status; completion of the Medical Readiness Planning course, J3OZR9000-005 (PDS code M15), or Battlefield Medical Operations Planning (BMOP) course B3OZY-9300-003 (PDS code RZM); and 12 months of experience. Approval authority for award of this SEI is MAJCOM or higher. Local medical function will forward the SEI RIP to the MAJCOM for final award certification.  <i>NOTE:</i> Individuals who have previously completed the BMOP course and have been in a readiness position for more than one year, are exempt from this requirement.	4XX5X/7X/9X4XX00		
326	Red Horse Experience	Requires 6 months of experience in Red Horse assignment and commander’s recommendation.	2A600 2S000 3A051/71 3E0X1 3E3X1 3E4X3 3M071 4N071	2A6X2 2S0X1 3E090 3E1X1 3E490 3E5X1 3S2X1	2A7X1 3A031 3E000 3E2X1 3E4X1 3E6X1 4F071
328	Air Base Survivability (ABS)	Requires 12 months of experience or completion of a formal ABS course.	3E900	3E971/91	
★329	PHOENIX RAVEN	Requires completion of the PHOENIX RAVEN Qualification Course (PDS code 691), completion of two flying missions as a team leader or team member to a Raven required location, and commander’s recommendation.	3P0XX		
330	Foreign Internal Defense (FID)	Requires commander’s recommendation and either 1) completion of the Joint Aviation FID course, AFSOC 158002 (PDS code WA7), and a minimum of 6 months of experience in a civic action or FID operations unit, or in a staff position involving direct support of civic action or FID operations; or 2) a minimum of 12 months of experience in a civic action or FID operations unit.	1A1X1 1C2X1 2A1X2 2A5X1 2A6X2 2E1X3 2S0X1 3P0X1	1A2X1 1T1X1 2A1X3 2A5X2/3 2A6X5 2G0X1 2W1X1 3S0X1	1C0X2 1T2X1 2A3X3 2A6X1 2A6X6 2R1X1 3A0X1
332	Photojournalist	Requires completion of an accredited photojournalism school, 12 months of experience in an authorized UMD position, supervisor's recommendation endorsed by MAJCOM/SOA/DRU Visual Information functional manager, and final approval of HQ USAF/SCV.	3V000	3V090	3V0X2
333	Motion Media Journalist	Requires successful completion of course G5AZR-23173-000 (PDS Code WJT) and supervisor’s and commander’s recommendation.	3V090	3V053/73	
335	Logistics Composite Model (LCOM)	Requires 12 months of experience.	2AXXX 3UXXX	2PXXX	2RXXX

<b>SEI Code</b>	<b>Title</b>	<b>Explanation/Designation Criteria</b>	<b>Authorized AFSCs/ CEM Codes</b>		
336	Teleproduction Facility Experience	Requires completion of course E5AZD2E154-011 (PDS code N9A), 12 months of experience, and supervisor's recommendation.	2E000	2E190	2E1X4
348	Safety Education Program	Requires 12 months of experience in operating multimedia equipment for safety education programs at either base or division (mobile systems).	1S0XX		
350	Airspace Management	Requires (1) 6 months of consecutive experience in an airspace management position plus (2) completion of the USAF Airspace Management Course.	1C171/91/00 1C571/91/00	1C551D/71D	
354	Repair and Reclamation Shop	Requires 12 months of experience.	2A300 2A590	2A3X3 2A5X1	2A390 2A5X2
356	Hazardous Materials Trainer	Requires successful completion of course X3AZR-57150-012 (PDS Code WCX), 6 months experience, and supervisor's recommendation.	3E7XX		
359	Stock Fund Financial Management	Requires completion of a formal course in Stock Fund Management and 6 months of experience performing or supervising the supply financial management function at base level, or as stock fund/O&M manager at numbered Air Force level or higher.	2SXXX		
361	Terminal Instrument Procedures (TERPS)	Requires (1) completion of course E3OZR1611-001 or E3OZR13B4A-000 (PDS code D9K or QKL); (2) completion of TERPS portion of AFJQS 1C1X1 within 6 months after graduating TERPS course; and (3) recommendation by the unit commander or designated representative.	1C051/71/91/00 1C151/71/91/00 1C251/71/91/00		
362	Air Traffic Control Radar Approach Control Watch Supervisor/Senior Controller	Requires qualification as a Watch Supervisor/Senior Controller.	1C1XX		
363	Air Traffic Control Radar Center	Requires certification of initial facility rating and recommendation by immediate supervisor and commander.	1C1XX		
364	Air Traffic Control Radar Approach Control	Requires certification in approach, approach assistant, and arrival, and recommendation by immediate supervisor and commander.			
365	Radar Final Control (RFC)	Requires (1) prior qualification in and possession of SEI 053, 056, or 364; (2) successful completion of RFC portion of AFJQS 1C1X1; (3) precision approach radar position certification, and (4) recommendation by unit commander or designated representative.	1C1X1	1C100	
366	Materials Testing (Concrete, Asphalt, and Soils)	Requires a minimum residency of 6 months at the AFESC or USAFA laboratory and recommendation of the Director of Laboratories, AFESC, or the OIC of the Soils Laboratory, USAFA, and concurrence of the Commander, AFESC, or Head, DFCEM, USAFA, respectively.	3E000	3E5X1	

SEI Code	Title	Explanation/Designation Criteria	Authorized AFSCs/ CEM Codes		
367	Air Traffic Control Radar Approach Control Facility Rating (Created 30 Apr 00)	Requires a (1) prior qualification in and possession of SEI 364; (2) Certification in all positions except coordinator and radar final control, and (3) recommendation by immediate supervisor and commander.	1C151/71/91/00		
★368	Airfield Manager	Requires completion of course E3AZR1C091-00 (PDS code 200), 36 months in Airfield Management, complete position certification, and supervisor's recommendation.	1C000	1C091	1C071
369	Aero Bulk Fuels Delivery Systems	Requires completion of (1) physiological training per AFI 11-403, <i>Aerospace Physiological Training Program</i> (2) TAC, USAFE, or PACAF Aero Bulk Fuels Delivery System course, and (3) a recommendation by the Fuels Management Officer.	2FXXX		
372	Additional Duty Social Actions NCO	Requires experience in managing social actions programs on an additional duty basis in a geographically separated unit for 8 months, completion of additional duty social actions training, and commander's and MAJCOM approval.	Any AFSC		
373	Precision Photographic Reconnaissance Systems Processing Equipment Maintenance	Requires 12 months of experience.	2E000	2E190	2E1X4
374	Precision Photographic Audiovisual Systems Processing Equipment Maintenance				
375	Explosive Safety Technician	Requires completion of an appropriate formal safety training course plus 6 months of experience in an explosive safety position, and supervisor's recommendation.	2W0XX	2W1XX	2W2XX
378	Morse Code Qualified	Requires transcription of 12 groups per minute and supervisor's recommendation.	1A3XX	3C000	3C1X1
379	Certified Welder	Requires certification of qualification to perform welding tasks on aircraft and missiles.	2A600	2A790	2A7X1
385	Instructional Systems Development (ISD) Manager	Requires 12 months of experience in ISD work and completion of ATC course 3AZR75133-000, Instructional Systems Designer (PDS code U4X), or equivalent. A Master's degree in education may be considered as one acceptable substitute for ISD course. MAJCOM ISD office recommendation is required.	Any AFSC except 3S2XX		
386	Instructional Materials Writer/Manager	Requires 6 months of experience in preparation or revision of nonresident training materials and completion of the Technical Writer Nonresident Training Materials course 3AIR75200-015 (PDS code 5AT).	Any AFSC		

SEI Code	Title	Explanation/Designation Criteria	Authorized AFSCs/ CEM Codes		
387	Air Transportable Hydrant Refueling Systems (ATHRS)	Requires completion of (1) AAC, USAFE, or PACAF Air Transportable Hydrant Refueling System course or 30 days hands-on experience and (2) recommendation by the Fuels Management Officer.	2FXXX		
389	Acquisition Security	Requires completion of a basic systems acquisition course, Air Force Materiel Command course MWE-OPS0002300SU, and 12 months of experience in systems security engineering management, systems security management, or security programming duties.	3P000	3P051/71/91	
406	Targeting	Award of this SEI requires completion of course X30ZR14N3B-000, Combat Targeting (PDS code 227); 12 months of experience in a targeting position; and supervisor's recommendation.	1N000	1N051/71/91	
429	Synthetic Aperture Radar (SAR)/ Sidelooking Airborne Radar (SLAR)	Requires completion of the SAR course developed by the Defense Sensor Interpretation and Applications Training Program or 18 months of experience in the exploration of strategic or tactical radar imagery, SAR, or SLAR.	1N1XX		
430	Weapons Accident Prevention Technician	Requires completion of a formal weapons safety management course, or 6 months of experience in a weapons safety position at the operational level.	1S0XX		
AREA EXPERIENCE SEIs					
445	Latin America	Requires 12 months of experience in an AFSC requiring language proficiency and adaptability to the environment and people of a country within a specified geographical area. Requires experience during assignment to such activities as military missions, assistance advisory groups, attaché posts, treaty organizations, and counterinsurgency forces. Also, requires supervisor's recommendation.	2E000 3C000	2E190 3C1XX	2E1X3
MEDICAL SEIs					
475	Substance Abuse Certification	Requires certification as a substance abuse counselor according to AFI 36-2701, <i>Social Actions Program</i> . HQ AETC/SGCPM is sole authority for approving award or withdrawal of this SEI.	4C051/71/91/00		
476	Medical Illustration	Requires recommendation of supervisor and submission of a portfolio containing medical illustrations as prescribed by HQ AFMOA/-SGOC.	3V000	3V090	3V0X1
477	Medical Photography		3V000	3V090	3V0X2
478	Computed Tomography	Must be registry eligible or certified by the American Registry of Radiologic Technologists; have completed the manufacturer's training course; have 6 months of experience in an established computed tomography unit; and be recommended by the Chairman, Department of Radiology.	4R000	4R051/71/90	



<b>SEI Code</b>	<b>Title</b>	<b>Explanation/Designation Criteria</b>	<b>Authorized AFSCs/ CEM Codes</b>	
479	Special Procedures	Must be registry eligible or certified by the American Registry of Radiologic Technologists; have 6 months of experience in a major angiographic facility and have participated in a minimum of 200 angiographic procedures; and be recommended by the Chairman, Department of Radiology.	4R000	4R051/71/90
486	Dialysis Medical Technician (DMT)	Requires completion of DMT OJT, 12 months of active DMT clinical experience, and supervisor's recommendation.	4N0XX	
487	Critical Care Technician	Requires 12 months of experience in critical care (ICU/ CCU), Special Care Unit (SCU) or Neonatal Intensive Care Unit (NICU) related duties and supervisor's recommendation.	4FXXX 4H031 4H071 4N031/51/71	4H000 4H051 4N000 4N091
489	Medical Development NCO (MDNCO)	Requires completion of MDNCOs training (MDO course, MDNCO exportable course, or MDO course approved medical unit local training), 12 months of experience, and supervisor's recommendation.	4N0XX	
490	Hyperbaric Medical Technician (HMT)	Requires completion of the HMT course, 12 months of clinical hyperbaric experience, and supervisor's recommendation.	4F0XX 4N0XX	4M0XX
491	Cardiothoracic Surgical Technician	Requires 9 months of experience in a Medical Treatment Facility where open heart procedures are completed; 1st scrub on a minimum of 25 procedures involving use of a heart lung bypass machine; and be recommended by the Chairman, Department of Cardiothoracic Surgery.	4N151/71/91	
492	Radiation Health Technician	Requires successful completion of the Industrial Radiological Hazards course and Radiation Health Technician course, and 12 months of experience in radiation health duties plus supervisor's recommendation.	4BXXX	
493	Physiological Support	Requires 6 months of experience in TR-1, U-2, or SR-71 high altitude physiological support operations. The MAJCOM surgeon must approve designation.	1T1XX	4MXXX
494	Aeromedical Evacuation	Requires 12 months of experience in an aeromedical evacuation unit and supervisor's recommendation.	4FXXX	4N0XX
495	Vascular Surgical Technician	Requires 6 month's experience at a Medical Treatment Facility with a recognized vascular surgery service; 1st scrub on a minimum of 50 major vascular procedures; and be recommended by Chief, Vascular Service.	4N151/71/91	
496	Independent Duty Medical Technician (IDMT)	Requires completion of Medical Service Technician Independent Duty course and initial IDMT certification at the host medical treatment facility.	4FXXX	4N0XX

SEI Code	Title	Explanation/Designation Criteria	Authorized AFSCs/ CEM Codes		
497	Ophthalmology Technician	Requires 9 months of experience in a Medical Treatment Facility with Department of Ophthalmology; 1st scrub on 50 procedures, 25 of which must have been cataract and 10 must have been plastic or trauma procedures; and be recommended by Chairman, Department of Ophthalmology.	4N151/71/91		
498	Neurosurgery	Requires 9 months of experience in a Military Treatment Facility with Department of Neurosurgery; 1st scrub on 15 procedures where a cranial flap is turned; a minimum of 20 spinal cases; and be recommended by Chairman, Department of Neurosurgery.	4N151/71/91		
AIRCRAFT IDENTITY SEIs					
501	A-10	Requires 12 months of experience and supervisor's recommendation.  <b>NOTE:</b> For individuals serving in 12-month short tour areas, designation criteria are 8 months of experience and supervisor's recommendation.	2A000 2A1X2 2A300 2A390 2A600 2A6X1A/E 2A6X5 2M000 2W1XX	2A0X1B 2A1X3 2A333E 2A4XX 2A690 2A6X3 2A6X6 2M090	2A190 2A1X7 2A3X3J 2A5X1/3 2A691 2A6X4 2A7XX 2M0X1*
502	CV-22 (Created 31 Oct 98)	Requires completion of either (1) a formal CV-22 course and 6 months of experience or (2) 12 months of experience and supervisor's or commander's recommendation.	2A000 2A300 2A590 2A690 2A6X4 2A7XX	2A190 2A390 2A5X2 2A691 2A6X5	2A0X1B 2A3X2 2A600 2A6X1B 2A6X6
503	KC-10	Requires 12 months of experience and supervisor's recommendation.  <b>NOTE:</b> For individuals serving in 12-month short tour areas, designation criteria are 10 months of experience and supervisor's recommendation.	1A0XX 1A1X1C 2A1X2 2A4XX 2A600 2A6X1A/C 2A6X5	1A100 2A000 2A1X3 2A5X1/3 2A690 2A6X2 2A6X6	1A190 2A190 2A300 2A590 2A691 2A6X4 2A7XX
504	T/UH-1D/F/N		1A1X0/X1B 2A190 2A300 2A590 2A690 2A6X4/X5/X6	1T2XX 2A1X2 2A390 2A5X2/3 2A691	2A000 2A1X3 2A4XX 2A600 2A6X1B 2A7XX
★505	Any H-60	Requires 12 months of experience and supervisor's recommendation.  <b>NOTE:</b> For individuals serving in 12 month short tour areas, one of the following designation criteria applies: (1) For AFSCs 1A1X1B, 2W100, 2W131Z, and 2W151/71/91, 10 months of experience and supervisor's recommendation. (2) For all other authorized AFSCs, 6 months of experience and supervisor's recommendation.	1A1X0 1A3X1 2A000 2A1X3 2A4XX 2A600 2A6X1B 2A6X6 2W131Z	1A1X1B 1A700 2A190 2A1X7 2A590 2A690 2A6X4 2A7XX 2W151/71/91	1A300 1A7X1 2A1X2 2A300 2A5X2/3 2A691 2A6X5 2W100

SEI Code	Title	Explanation/Designation Criteria	Authorized AFSCs/ CEM Codes		
506	F-117	Requires 12 months of experience and supervisor's recommendation.  <b>NOTE:</b> For individuals serving in 12-month short tour areas, designation criteria are 8 months of experience and supervisor's recommendation.	2A000 2A1X1 2A3X2 2A690 2A6X3 2A6X6	2A0X1B 2A300 2A3X3B 2A6X1A/E 2A6X4 2A7XX	2A190 2A390 2A600 2A6X2 2A6X5 2W1XX
510	U-2	Requires 12 months of experience and supervisor's recommendation.  <b>NOTE:</b> For individuals serving in 12 month short tour areas, designation criteria are 8 months of experience and supervisor's recommendation	1T1XX 2A1X1 2A1X7 2A333H 2A590 2A690 2A6X1E 2A6X5 4MXXX	2A000 2A1X2 2A300 2A3X3J 2A5X1/3 2A691 2A6X3 2A6X6	2A190 2A1X3 2A390 2A4XX 2A600 2A6X1A 2A6X4 2A7XX
511	Any H-3		1A100 1T2XX 2A1X1 2A1X7 2A590 2A600 2A6X1B 2A6X6 2W131Z	1A190 2A000 2A1X2 2A300 2A5X1/3 2A690 2A6X4 2A7XX	1A1X1B 2A190 2A1X3 2A4XX 2A5X2 2A691 2A6X5 2W100
★512	Any H-53		1A100 1A300 1A7X1 2A1X1 2A1X7 2A5X2/3 2A691 2A6X5 2W100 2W131Z 2W151/71/91	1A190 1A3X1 1T2XX 2A1X2 2A4XX 2A600 2A6X1B 2A6X6	1A1X1B 1A700 2A190 2A1X3 2A590 2A690 2A6X4 2A7XX
★513	AC-130H/U, Spectre Gunship	Requires 12 months of experience and commander's certification.  <b>NOTE:</b> For individuals serving in 12-month short tour areas, designation criteria are 10 months of experience and commander's certification. Designation criteria for the aircrew AFSCs (1AXXX and A2W-151/71/91) are completion of formal training course (1) AC-130AG (PDS code BDZ), (2) AC-130FE (PDS code BEL), or (3) AC-130I0 (PDS code BEM), 24-months of experience, supervisor's recommendation and commander's certification.	1A100 1A2XX 1A4XX 2A000 2A1X2 2A300 2A531B 2A5X3 2A691 2A6X5 2W100 2W151/71/91	1A190 1A300 1A700 2A190 2A1X3 2A4XX 2A551J 2A600 2A6X1B 2A6X6 2W131Z	1A1X1C 1A3X1 1A7X1 2A1X1 2A1X7 2A590 2A571 2A690 2A6X4 2A7XX

SEI Code	Title	Explanation/Designation Criteria	Authorized AFSCs/ CEM Codes		
514	HC-130P/MC-130P	Requires completion of formal training courses MC130-PCSONVG (PDS code N9W) and either (1) MC130-PSOIQ/MQ (PDS code XAE), (2) MC130-PFEMQ (PDS code XAC), or (3) MC130PLMMQ (PDS code XAD); 24 months of experience; supervisor's recommendation; and commander's certification.  For AFSC 2AXXX, requires 12 months of experience and supervisor's recommendation.	1A100 1A2XX 2A190 2A1X3 2A4X1 2A531B 2A5X3 2A691 2A6X5	1A190 1A3XX 2A1X1 2A1X7 2A4X2 2A551J 2A600 2A6X1B 2A6X6	1A1X1C 2A000 2A1X2 2A300 2A590 2A571 2A690 2A6X4 2A7XX
515	MC-130E	Requires completion of formal training course (1) MC130ECS (PDS code XVN), (2) MC-130EFE (PDS code XVL), or (3) MC130ELM (PDS code XVM); 18 months of experience; supervisor's recommendation; and commander's certification.  For AFSCs 2AXXX, requires 12 months of experience and supervisor's recommendation.  <b>NOTE:</b> Completion of formal training may be accomplished in unit when approved by the major command functional manager.	1A100 1A2XX 2A190 2A1X3 2A4X1 2A531B 2A5X3 2A691 2A6X5	1A190 1A3XX 2A1X1 2A1X7 2A4X2 2A551J 2A600 2A6X1B 2A6X6	1A1X1C 2A000 2A1X2 2A300 2A590 2A571 2A690 2A6X4 2A7XX
516	MC-130H	Requires completion of formal training course MC130-HFE (PDS code 4YC); 12 months of experience; supervisor recommendation, and commander's certification.  For AFSCs 2AXXX, requires 12 months of experience and supervisor's recommendation.  <b>NOTE:</b> For individuals serving in 12-month short tour areas, experience requirement is reduced to 10 months.	1A100 1A2XX 2A190 2A1X3 2A4X1 2A531B 2A5X3 2A691 2A6X5	1A190 1A3XX 2A1X1 2A1X7 2A4X2 2A551J 2A600 2A6X1B 2A6X6	1A1X1C 2A000 2A1X2 2A300 2A590 2A571 2A690 2A6X4 2A7XX
517	E-130E (ABCCC) (Created 31 Oct 99)	Requires 12 months of experience and supervisor's recommendation.	2A000 2A300 2A571 2A5X3 2A6X1B 2A6X6	2A190 2A4XX 2A551J 2A600 2A6X4 2A7XX	2A1X2/X3 2A590 2A531B 2A691 2A6X5

SEI Code	Title	Explanation/Designation Criteria	Authorized AFSCs/ CEM Codes		
521	F-4G (Wild Weasel)	Requires 12 months of experience and supervisor's recommendation.	2A000 2A1X3 2A4X1	2A190 2A1X7 2A5X3	2A1X2 2A300
522	F/RF-4	<b>NOTE:</b> For individuals serving in 12-month short tour areas, designation criteria are 10 months of experience and supervisor's recommendation.	2A000 2A1X2 2A300 2A3X3J 2A5X3 2A691 2A6X4 2E000 2M000 2W1XX	2A190 2A1X3 2A333D 2A4XX 2A600 2A6X1A/C 2A6X5 2E190 2M090	2A1X1 2A1X7 2A390 2A590- 2A690 2A6X3 2A6X6 2E1X4 2M0X1
525	Predator, Unmanned Aerial Vehicle (UAV) (Created 31 Oct 98)	Requires:  For AFSCs 2AXXX, completion of J4AMF/ASF/AST 2A4X0 000 (PDS code 0SI), J4AMF/ASF/AST 2A4X0 001 (PDS code 148), J4AMF/ASF 2A4X0 002 (PDS code 41I) or completion of J4AMF/ASF /AMT 2A3XX-00 (PDS code H6F), 12 months of experience; and commander's recommendation  And  For AFSCs 2A1X1, 2A3X2, and 2A4XX, completion of J4AMF/ ASF/AST 2A3XX-001 (PDS code GOS).  For AFSCs 2A3X3X completion of J4AMF/ASF/AST 2A3XX-002 (PDS code GII) and J4AMF/ASF/AST 2A3XX-003 (PDS code F1L)..	2A190 2A390 2A4X1 2A5X3	2A1X1 2A3X2 2A4X2 2E1X1	2A300 2A3X3J 2A590 2E2X1
526	EF-111A	Requires supervisor's recommendation and either (1) formal training plus 8 months of experience; or (2) 12 months of experience.  <b>NOTE:</b> For individuals serving in 12-month short tour areas, designation criteria are 10 months of experience and supervisor's recommendation.	2A000 2A390	2A190	2A300
527	F-111A/E	Requires 12 months of experience and supervisor's recommendation.	2A000 2A390 2M0X1*	2A190 2M000 2W1XX	2A300 2M090
528	F-111D				
530	F/EF-111 (Any Model)	Requires 12 months of experience and supervisor's recommendation.  <b>NOTE:</b> For individuals serving in 12-month short tour areas, designation criteria are 8 months of experience and supervisor's recommendation.	2A300 2A600 2A6X1A/D 2A6X5	2A390 2A690 2A6X3 2A6X6	2A353J/73J 2A691 2A6X4

SEI Code	Title	Explanation/Designation Criteria	Authorized AFSCs/ CEM Codes		
532	T-1/T-37/T-38	Requires 12 months of experience and supervisor's recommendation.  <b>NOTE:</b> For individuals serving in 12-month short tour areas, designation criteria are 8 months of experience and supervisor's recommendation.	2A000 2A1X3 2A3X3J 2A600 2A6X1A/C 2A6X5	2A190 2A300 2A4XX 2A690 2X6X3 2A6X6	2A1X2 2A390 2A5X3 2A691 2A6X4 2A7XX
533	F-15	Requires 12 months of experience and supervisor's recommendation.	2A000 2A300 2A3X3A 2A691 2A6X4 2A7XX 2W1X1	2A0X1A 2A390 2A600 2A6X1A/D 2A6X5 2M090	2A190 2A3X1 2A690 2A6X3 2A6X6 2M0X1
535	F-16		2A000 2A1X1 2A3X2 2A690 2A6X1D 2A6X4 2A7XX 2W1XX	2A0X1B 2A300 2A3X3B 2A691 2A6X1E 2A6X5 2M090	2A190 2A390 2A600 2A6X1A 2A6X3 2A6X6 2M0X1
545	C-5		1A100 1A200 2A190 2A300 2A551J 2A5X1C 2A690 2X6X4 2A7XX	1A190 1A2X1 2A1X2 2A4X1 2A571 2A5X3 2A691 2A6X5	1A1X1C 2A000 2A1X3 2A4X2 2A590 2A600 2A6X1A/C 2A6X6
546	C-17		1A200 2A0X1B 2A1X3 2A4XX 2A5X3 2A691 2A6X5	1A2X1 2A190 2A1X7 2A590 2A600 2A6X1A/C 2A6X6	2A000 2A1X2 2A300 2A5X1 2A690 2A6X4 2A7XX
547	C-12		2A1X2 2A4X1 2A571 2A5X3 2A691 2A6X5	2A1X3 2A4X2 2A5X1A 2A600 2A6X1B 2A6X6	2A300 2A590 2A551J 2A690 2A6X4 2A7XX
548	C-29 (Created 30 Apr 99)	Requires completion of a formal C-29 course (contractor training on BaE 125-800 Hawker aircraft), FAA certification in either airframe and powerplant or avionics, 6 months of experience, supervisor's recommendation and commander's approval.	2A300 2A551J	2A452/72 2A571	2A590

SEI Code	Title	Explanation/Designation Criteria	Authorized AFSCs/ CEM Codes		
550	C-141	Requires 12 months of experience and supervisor's recommendation.  <b>NOTE:</b> For individuals serving in 12-month short tour areas, designation criteria are 10 months of experience and supervisor's recommendation.	1A100 1A2XX 2A1X1 2A300 2A571 2A5X3 2A691 2A6X5	1A190 2A000 2A1X2 2A4XX 2A5X1A 2A600 2A6X1A/C 2A6X6	1A1X1C 2A190 2A1X3 2A590 2A551J 2A690 2A6X4 2A7XX
★569	E-3A/B (AWACS)	Requires 12 months of experience and supervisor's recommendation.  <b>NOTE:</b> For individuals serving in 12-month short tour areas, designation criteria are 10 months of experience and supervisor's recommendation.	1A100 1A3XX 1A8XX 2A190 2A300 2A571 2A5X3 2A691 2A6X4 2A7XX 2E231/51/71/91	1A190 1A4XX 1C5XX 2A1X2 2A4XX 2A5X1G 2A600 2A6X1A/C 2A6X5 2E000	1A1X1C 1A5XX 2A000 2A1X3 2A590 2A551L 2A690 2A6X2 2A6X6
570	E-8, Joint Stars	Requires 12 months of experience and supervisor's recommendation.	1A1X0 1A4XX 2A1XX 2A590 2A551L 2A690 2A6X4 2A7XX	1A1X1C 1A5XX 2A300 2A571 2A5X3 2A691 2A6X5	1A3XX 2A000 2A4XX 2A5X1G 2A600 2A6X1A/C 2A6X6
572	Any C-130	Requires 12 months of experience and supervisor's recommendation.  <b>NOTE:</b> For individuals serving in 12-month short tour areas, designation criteria are 10 months of experience and supervisor's recommendation.	1A100 1A2XX 1A591 2A190 2A1X3 2A4XX 2A5X1B 2A600 2A6X1B 2A6X6 2M0X1	1A190 1A3X1 1T2XX 2A1X1 2A1X7 2A590 2A551J 2A690 2A6X4 2A7XX 2M0X2	1A1X1C 1A500 2A000 2A1X2 2A300 2A571 2A5X3 2A691 2A6X5 2M090
★573	Compass Call	Requires 12 months of experience and supervisor's recommendation.	1A8XX 2A190 2A1X7 2A590 2A571 2A690 2A6X4 2A7XX	1N5XX 2A1X2 2A300 2A531B 2A5X3 2A691 2A6X5	2A000 2A1X3 2A4XX 2A551J 2A600 2A6X1B 2A6X6
574	EC-135C/J (ABNCP)		2A000 2A4XX 2A531G 2A600 2A6X1A/C 2A6X6	2A1XX 2A590 2A551L 2A690 2A6X4 2A7XX.	2A300 2A571 2A5X3 2A691 2A6X5

SEI Code	Title	Explanation/Designation Criteria	Authorized AFSCs/ CEM Codes		
580	Any C-135/Boeing 707 Modification	Requires 12 months of experience and supervisor's recommendation. For AFSC 2A1X2/X3, this SEI does not include experience gained on RC-135 aircraft (see SEI 581).	1A100 1A3XX 2A190 2A1X4 2A590 2A551L 2A690 2A6X4 2A790 2E000	1A190 1A591 2A1X2 2A300 2A571 2A5X3 2A691 2A6X5 2A7X1 2E1XX	1A1X1 2A000 2A1X3 2A4XX 2A531G 2A600 2A6X1A/C 2A6X6 2A7X4 2E2X1
★581	RC-135	.	1A300 2A190 2A1X7 2A4XX 2A531G 2A600 2A6X1A/C 2A6X6	1A3X1 2A1X2 2A300 2A590 2A551L 2A690 2A6X4 2A7XX	2A000 2A1X3 2A390 2A571 2A5X3 2A691 2A6X5
583	KC-135	Requires supervisor's recommendation and either (1) factory training plus 6 months of experience; or (2) 12 months of experience.	2A000 2A300 2A590 2A551L 2A691 2A6X5	2A1X2 2A4X1 2A571 2A5X3 2A6X1A/C 2A6X6	2A1X3 2A4X2 2A531G 2A690 2A6X4 2A7XX
584	E-4A/B (AABNCP)	Requires 12 months of experience and supervisor's recommendation.	1A100 1A3XX 2A190 2A300 2A571 2A551L 2A691 2A6X4 2A7XX 2E1X1	1A190 1A591 2A1X2 2A4XX 2A531G 2A600 2A6X1A/C 2A6X5 2E000 2E2X1	1A1X1C 2A000 2A1X3 2A590 2A531H 2A690 2A6X2 2A6X6 2E190
586	B-52	Requires 12 months of experience and supervisor's recommendation. For AFSCs 2A6X6, 2A390, 2W1X1, and 2A6X4, this SEI does not include experience gained on B-52D aircraft.	2A000 2A1X2 2A300 2A571 2A600 2A6X1A/C 2A6X5 2W1XX	2A190 2A1X3 2A4XX 2A5X1K 2A690 2A6X3 2A6X6	2A1X1 2A1X7 2A590 2A5X3 2A691 2A6X4 2A7XX
588	B-1	Requires 12 months of experience and supervisor's recommendation.	2A000 2A300 2A590 2A600 2A6X1A/E 2A6X5 2W1XX	2A0X1B 2A551K 2A5X1E 2A690 2A6X3 2A6X6	2A190 2A571 2A5X3 2A691 2A6X4 2A7XX



SEI Code	Title	Explanation/Designation Criteria	Authorized AFSCs/ CEM Codes		
589	T-39	Requires 12 months of experience and supervisor's recommendation.	2A000 2A1X3 2A590 2A5X1J 2A690 2A6X4	2A190 2A300 2A571 2A5X3 2A691 2A6X5	2A1X2 2A4XX 2A5X1A 2A600 2A6X1A/C 2A6X6
590	Special Air Missions (SAM) (VC-25/VC-135/VC-137/C-9/C-20/C-21)	Requires 12 months of experience and supervisor's recommendation.  For AFSCs 2AXXX: Requires 12 months of experience and supervisor's recommendation.	1A1X0 1A6XX 2A300 2A5X1 2A5X3 2A691 2A6X4 2A7XX	1A1X1C 2A000 2A4XX 2A5X1A/G 2A600 2A6X1A 2A6X5	1A3XX 2A1XX 2A590 2A551J/L 2A690 2A6X1C 2A6X6
591	VC/C-9/T-43	Requires 12 months of experience and supervisor's recommendation.	2A000 2A1X3 2A571 2A5X1A 2A690 2A6X4 2A7XX	2A190 2A300 2A5X1J 2A5X3 2A691 2A6X5	2A1X2 2A4XX 2A590 2A600 2A6X1A/C 2A6X6
594	Special Air Missions (SAM) (C-32)	Requires 12 months of experience and supervisor's recommendation.	2A000 2A1X3 2A4X2 2A600 2A690 2A6X6	2A190 2A300 2A590 2A691 2A6X4 2A7XX	2A1X2 2A4X1 2A5X1 2A6X1A/C 2A6X5 2E2X1
596	B-2	Requires either (1) completion of a formal B-2 course and 6 months of experience; or (2) 12 months of experience and supervisor's recommendation.	2A000 2A1X2 2A4XX 2A590 2A600 2A6X1A/E 2A6X5 2W1XX	2A0X1B 2A1X3 2A551K 2A5X1E 2A690 2A6X3 2A6X6	2A190 2A300 2A571 2A5X3 2A691 2A6X4 2A7XX
<b>AIRCRAFT ENGINES AND AVIONIC SYSTEMS/EQUIPMENT SEIs</b>					
600	F101	Requires 6 months of experience and supervisor's recommendation.	2A300 2A3X3B 2A373J 2A691	2A390 2A333C/D/E/F/G/H/Z 2A353J 2A6X1A	2A3X3A 2A600 2A6X1E
601	F100		2A300 2A3X3B 2A373J 2A691	2A390 2A333C/D/E/F/G/H/Z 2A353J 2A6X1A	2A3X3A 2A600 2A6X1D
602	F110		2A300 2A3X3B 2A373J 2A691	2A390 2A333C/D/E/F/G/H/Z 2A353J 2A6X1A	2A3X3A 2A600 2A6X1E
603	J57		2A300 2A333C/D/E/F/G/H/Z 2A353J 2A600 2A6X1C	2A390 2A590 2A691	2A373J 2A5X1 2A6X1A

SEI Code	Title	Explanation/Designation Criteria	Authorized AFSCs/ CEM Codes		
★604	F118-100/101	Requires 6 months of experience and supervisor's recommendation.	2A600	2A691	2A6X1A/E
605	J69	Requires 6 months of experience and supervisor's recommendation.	2A300 2A3X3B	2A390 2A333C/D/E/F/G/H/Z	2A3X3A
607	J79		2A373J	2A353J	2A600
608	J85		2A691	2A6X1A	2A6X1C
611	TF30		2A300 2A3X3B	2A390 2A333C/D/E/F/G/H/Z	2A3X3A
612	TF33		2A373J 2A691	2A353J 2A6X1A	2A600 2A6X1C
613	TF34		2A300 2A3X3B 2A373J 2A691	2A390 2A333C/D/E/F/G/H/Z 2A353J 2A6X1A	2A3X3A 2A600 2A6X1E
614	F108	Requires completion of (1) one of the following courses: J4AMF/ASF/AST-454X0A-029 (PDS code 8K3), J4AMF/ASF/AST 2A6X1A-035 (PDS Code 81Z) or contractor equivalent, (2) 6 months of experience, (3) and supervisor's recommendation.	2A600	2A691	2A6X1A/C
615	TF39	Requires 6 months of experience and supervisor's or commander's recommendation	2A600	2A691	2A6X1A/C
620	F4E/G APQ, Fire Control Radar System	Requires 12 months of experience, completion of a F-4E/G fire control radar system field training detachment course, and supervisor's recommendation.	2A190 2A590	2A1X3 2A5X3	2A4X2
621	Low Observable (LO) Maintenance	Requires 6 months of experience working LO structures and supervisor's recommendation.	2A790	2A7X3	
622	JT8D-9A	Requires 6 months of experience and supervisor's recommendation.	2A600	2A691	2A6X1A/C
623	611-8				
624	BR710-A1-10				
625	Automated Engine Tracking	Requires 12 months of experience and supervisor's recommendation.	2A300 2A590 2A600 2A6X1B	2A390 2A5X1 2A691 2R1XX	2A3X3 2A5X2 2A6X1A
626	Radar Test Facility Technician	Requires 24 months of experience at 4484 Test Squadron's Radar Test Facility and supervisor's recommendation.	2A071A 2A351A	2A190 2A3X2	2A174 2E1XX
628	Low Light Level Television	Requires 6 months of experience and supervisor's recommendation.	2A000	2A190	2A1X1
629	Tactical Electronic Reconnaissance (TEREC)	Requires either (1) formal training plus 6 months of experience; or (2) 12 months of experience and supervisor's recommendation.	1N5XX 2A1X7	2A000	2A190
630	AN/ALQ-131		2A000 2A1X7 2A3X1	2A0X1 2A300 2A3X2	2A190 2A390
631	PW2020 (Created 30 Apr 99)	Requires 6 months of experience and supervisor's recommendation.	2A600	2A691	
632	JT3D-3 (Created 30 Apr 99)		2A6X1A/C		

SEI Code	Title	Explanation/Designation Criteria	Authorized AFSCs/ CEM Codes		
633	Low Altitude Navigation Targeting Infrared for Night (LANTIRN)	Requires either (1) formal training plus 6 months of experience; or (2) 12 months of experience and supervisor's recommendation.	2A000	2A1X1	2A190
634	PAVE PENNY		2A300	2A390	2A3X1
635	F117-100	Requires 6 months of experience and supervisor's recommendation.	2A000	2A1X1	2A190
636	TF39-1C		2A600	2A691	2A6X1A/C
637	F108-100		2A600	2A691	2A6X1A/C
638	CF6-80C2/81 (Created 30 Apr 99)				
639	CF6-50 (Created 30 Apr 99)		2A600	2A691	2A6X1A/C
640	T56 (Created 30 Apr 99)		2A600	2A691	2A6X1B
641	T400-400 (Created 30 Apr 99)				
642	T-64 (Created 31 Oct 99)				
643	T-700 (Created 31 Oct 99)				
648	A-10 IATS	Requires either (1) formal training plus 6 months of experience; or (2) 12 months of experience and supervisor's recommendation.	2A000	2A0X1B	2A190
649	Transportable Measurement System (TMS), AN/TSM-138ESS	Requires 12 months of experience and supervisor's recommendation.	2P051/71		
651	Physical Measurement and Calibration	Requires completion of ATC course 3AZR-32470-031 (PDS code 3R5), 3AZR32470-019 (PDS code MNS) E3AZR 2P051-008 (PDS Code XRL), or E3AZR 2P051-010 (PDS Code XRN), plus 12 months of experience and supervisor's recommendation.	2PXXX		
652	Electrical-Electronic Measurement	Requires completion of ATC course 3AZR-32470-026 (PDS code 1MP), 3AZR32470-034 (PDS code 67N), 3AZR32470-015 (PDS code SEE), E3AZR 2P051-014 (PDS Code 588), E3AZR 2P051-051 (PDS Code 490), or E3AZR 2P051-047 (PDS Code 52K), plus 12 months of experience and supervisor's recommendation.	2PXXX		
653	Radiac Instruments	Requires completion of ATC course 2ASR-32470-002 (PDS code CTL), G3AZR32470-000 (PDS code CTL), or, E3AZR 2P051-050 (PDS Code 1PI) plus 12 months of experience and supervisor's recommendation.			
654	Microwave Measurement and Calibration	Requires completion of ATC course 3AZR-32470-018 (PDS code UDC) or 3AZR32470-043 (PDS code PAO) plus 12 months of experience and supervisor's recommendation.			

SEI Code	Title	Explanation/Designation Criteria	Authorized AFSCs/ CEM Codes		
656	ALQ-119	Requires 12 months of experience and supervisor's recommendation.	2A000 2A1X7	2A0X1	2A190
657	Transportable Measurement System (TMS), AN/TSM-131ESS		2P051/71		
659	Adverse Weather Aerial Delivery Systems (AWADS)	Requires completion of ATC course J4AMF/ ASF/ AST 32871-080 (PDS code Z9Z), AN/APQ122(V) 1 Maintenance, 4AMF/ ASF/AST 32871-089 (PDS code 0EQ), AN/APQ122 (V) 1 Flightline Maintenance, and CV-2368/A Maintenance; or J4AMF/ ASF/AST 2A4X2-064 AN/APQ 175 (AWADS) radar Technician (O-Level) (PDS Code 3IR) plus 12 months of experience and supervisor's recommendation.	2A000 2A1X3 2A590	2A190 2A300 2A5X3	2A1X2 2A4XX
660	AN/AWN 37	Requires 12 months of experience and supervisor's recommendation.	2A000	2A190	
661	Spectrometric Oil Analysis	Requires formal training plus 6 months of experience and supervisor's recommendation.	2A7X2	2A600	2A790
662	PAVE SPIKE	Requires either (1) formal training plus 6 months of experience; or (2) 12 months of experience and supervisor's recommendation.	2A000	2A190	2A1X1
663	PAVE TACK		2A000 2A190		
664	AN/307 Operator				
665	Digital Scan Converter Group (DSCG)				
668	AN/APX 81	Requires supervisor's recommendation and either (1) formal training plus 6 months of experience; or (2) 12 months of experience	2A000 2A300 2A5X3	2A190 2A4X2	2A1X3 2A590
669	AN/APQ 99/172		2A000 2A4X2	2A190 2A590	2A300 2A5X3
670	AN/ARN 101		2A000 2A1X3 2A590	2A190 2A300 2A5X3	2A1X2 2A4XX
672	Target Identification System Electro-Optical (TISEO)	Requires supervisor's recommendation and either (1) formal training plus 3 months of experience; or (2) 6 months of experience.	2A000	2A190	2A1X1
676	AN/ALQ-184	Requires supervisor's recommendation and either (1) 6 months of experience plus completion of one of the following courses: E3AZR-45651-003 (PDS code 7SZ) or J4AMF/ ASF/ AST2A1X7-040 (PDS Code 7NL) or a field training course; or (2) 12 months experience.	2A1X7		
677	Air Force Satellite Communications Systems (AFSAT COM)/Fleet Satellite Communications Systems (FLEETSATCOM)	Requires either (1) completion of a formal AFSATCOM course plus 6 months of experience; or (2) 12 months of experience and supervisor's recommendation.	1C6XX 2A190 2A390 2A4X2 2E000 3C000	2A000 2A1X3 2A3X1 2A590 2E190 3C1X1	2A0X1 2A300 2A3X2 2A5X3 2E1X1 3C271
678	Advanced Range Instrumentation System	Requires 12 months of experience and supervisor's recommendation.	2E000	2E1XX	

SEI Code	Title	Explanation/Designation Criteria	Authorized AFSCs/ CEM Codes		
679	Rivet Eagle 66M Camera System	Requires completion of the appropriate General Dynamics or Lockheed course, 6 months of experience, and supervisor's recommendation.	2A000	2A190	2A1X1
680	ALM-204/ALQ-99E, Tactical Jamming Subsystem	Requires completion of courses J4AMF/ASF/AST451X6B-002 (PDS code MT1) and J4AMF/ASF/AST2A0X1A-002 (PDS Code MTB), 24 months of experience, and supervisor's recommendation.	2A0X1A	2A190	
684	AN/ALQ-99E TJS	Requires either (1) formal training plus 8 months of experience; or (2) 12 months of experience and supervisor's recommendation.  <b>NOTE:</b> For individuals serving in 12-month short tour areas, designation criteria are 10 months of experience and supervisor's recommendation.	2A300 2A3X1C	2A390	2A371
690	Intermediate or Depot Level Maintenance	Requires 24 months of intermediate maintenance experience at base level or at a depot level repair facility, and supervisor's recommendation.	2A000 2A190 2A172 2A153 2A177 2A573A 2A691 2A6X3 2A675 2A656 2A7X2	2A071 2A171 2A152 2A174 2A157 2A600 2A671 2A674 2A655 2A790 2A773	2A051 2A151 2A173 2A154 2A553A 2A690 2A651 2A654 2A676 2A7X1 2A753
714	Specialized Aerial Spray Equipment (SASE) (Created 31 Oct 98)	Requires completion of applicable training course(s), 12 months of experience and commander's recommendation.  <u>AFSCs</u> <u>Course Title and PDS Code</u> 2AXXX    AAP 001, Aerial Application of Pesticides (PDS code 2EV) and J4AZT2A753-000, Aircraft Corrosion Control, (PDS code E9N)  1AXXX    AAP 001, Aerial Application of Pesticides (PDS code 2EV)	1A1X0 1A2X1 2A571 2A690 2A6X5 2A7X3	1A1X1 2A300 2A5X1B 2A6X2 2A6X6	1A200 2A590 2A5X1J 2A6X4 2A790
<b>WEATHER SEIs</b>					
750	Forecaster (Doppler Radar)	Requires supervisor's recommendation, completion of a formal Doppler weather radar management course, and 12 months of experience in operational use of Weather Surveillance Radar-1988, Doppler (WSR-88D).	1W0X1A	1W000	1W091
752	Forecasting (Radar)	Requires 12 months of experience in interpretation and operational use of weather radar and supervisor's recommendation. At least 6 months of experience must be as a radar coordinator.			

SEI Code	Title	Explanation/Designation Criteria	Authorized AFSCs/ CEM Codes		
753	Forecasting (Space Environment)	Requires 12 months of experience in the Space Forecast Center, to include analysis of space environ-mental data and issuance of space environment forecasts and warnings, and supervisor's recommendation.	1W0X1A	1W000	1W091
754	Forecasting (Tropical)	Requires completion of course C3OZR2524-002 (PDS code FDD) or 12 months experience in forecasting weather phenomena in tropic regions, and supervisor's recommendation.			
761	Observing	Requires 12 months of experience in operational use of a solar telescope (optical or radio) in observing and analysis, and supervisor's recommendation.			
798	Observing (Rawinsonde)	Requires supervisor's recommendation and 6 months experience to include a unit level training program on operational use of Rawinsonde equipment.	1WXXX		
800	Special Operations Weather Team	Requires 6 months of experience and supervisor's recommendation.			
MISSILE IDENTITY SEIs					
802	International Nuclear Treaty Inspector	Requires completion of the Defense Intelligence College Strategic Arms Reduction Treaty Course or assignment to the On-Site Inspection Agency.	2M0X0	2M0X2	
809	Missile Electronic Equipment Maintenance	Requires supervisor's recommendation, 12 months of experience, and completion of one of the following courses: C3AZR41150A-000 (PDS code 6LA), C3AZR41150A-001 (PDS code 6K9), C3AZR-41150A-002 (PDS code JM6), C3ABR31632G-001 (PDS code M53), C3ABR31632G-002 (PDS code E73), C3AZR41150B-002 (PDS code J5U), C3AZR-46650-001 (PDS code J5U), or C3AZR31672T-000 (PDS code 2YC).  <b>NOTE:</b> For AFSCs 2M0X1A, the 12 months of experience must be obtained at a ICBM electronic laboratory.	2M0X0	2M0X1	
828	MK-11/12A Reentry Vehicle	Requires supervisor's recommendation and either (1) 12 months of experience; or (2) formal training and 6 months of experience.	2W2XX		
829	MK-12/12A Reentry System				
836	Munitions Inspector	Requires supervisor's recommendation and either (1) completion of the AETC Munitions Inspector course and 8 months of experience; or (2) 24 months of experience.	2W0XX		

SEI Code	Title	Explanation/Designation Criteria	Authorized AFSCs/ CEM Codes		
857	WS-133B	Requires 6 months of experience and supervisor's recommendation	2A600	2A790	2A7X3
858	WS-133A/M		2E000	2E1XX	
			2E231/51/71/91	2E690	2E6X2
			2M0XX	2RXXX	3E000
			3E090	3E0X1	3E0X2
			3E1X1		
860	WS-118	Requires 6 months of experience in a designated Peacekeeper missile maintenance position and supervisor's recommendation.	2A600	2A790	2A7X3
			2E000	2E1XX	2E690
			2E6X2	2MXXX	2RXXX
			3E000	3E1X1	
<b>COMMAND CONTROL SYSTEMS SEIs</b>					
900	Combat Airspace Manager	Requires completion of courses TAC228550 (PDS Code ZEN) and TAC228555 (PDS Code 9TH), or ACC JAOSC (PDS Code 77L), participation in Joint Chiefs of Staff exercise with combat airspace management employment, and commander's recommendation.	1C171/91/00		
901	Command and Control (C2), Air Operations Center (AOC) (Created 30 Apr 99)	Award requires either (1) completion of ACC Joint Aerospace Command and Control Course: ACC-JAC2C (PDS code 77L), 3 consecutive months of experience in AOC assignments, mission ready certification, and supervisor's or commander's recommendation, or (2) 6 consecutive months of experience in AOC assignments, mission ready certification, and supervisor's or commander's recommendation.	1C300	1C3X1	1C400
			1C4X1	1C500	1C5X1
			1C600	1C6X1	1N000
			1N0X1	1N1X1	1N200
			1N4X1	1N500	1N5X1
			1N600	1N6X1	1T000
			1T0X1	1W000	1W091
			1W0X1A	2EXXX	3C000
			3C090	3C0X1	3C2X1
905	407L Tactical Air Control System	Requires 6 months of experience and supervisor's recommendation.	1C500	1C5X1	2A300
			2A600	2A6X2	2E000
			2E190	2E0X1	2E1X1
			2E1X3	3C000	3C2XX
			3E000	3E090	3E0X2
906	416L Continental Air Defense Control and Warning System		1C500	1C5X1	2E000
			2E0X1	2E190	2E1X3
			2E6X2	2E690	
907	Defense Meteorological Satellite Program - Control Read-out Station (CRS)	Requires 6 months of experience and supervisor's recommendation.	1C6XX		
908	Defense Meteorological Satellite Program (DMSP) Command Control Center	Requires 6 months of experience and supervisor's recommendation	2E000	2E1XX	
910	Over the Horizon - Backscatter (OTH-B)	Requires 12 months of experience and supervisor's recommendation.	1C500	1C551/71/91	
			1C551D/71D		
911	Modular Control Equipment (MCE), AN/TYQ-23		1C500	1C5X1	2A600
			2A6X2	2E190	2E1X1
			2E1X3	2E2X1	3C000
			3C2XX		
912	427M American Air Defense COC (NORAD)	Requires 6 months of experience and supervisor's recommendation.	1C500	1C5X1	2E000
			2E190	2E1X1	2E1X4
			3C000	3C2XX	

SEI Code	Title	Explanation/Designation Criteria	Authorized AFSCs/ CEM Codes		
914	Enlisted Terminal Attack Controller (ETAC)	Requires successful completion of TAC course 228560 (PDS code ZEP) or 228561 (PDS code 5RG), certification as an ETAC according to applicable MAJCOM directives, and recommendation by unit commander.	1C400	1C451/71/91	
915	465L SAC Command Control Systems (SACCS)	Requires 6 months of experience and supervisor's recommendation.	1C3XX 2E1X4 3C1X1	2E000 2E2X1 3C2XX	2E190 3C000
916	Strategic Defense Radar Systems Evaluator	Requires 24 months of experience in the 84th Radar Evaluation Squadron or other radar evaluation unit in an evaluation function; completion of courses TAC-303RE 000 (PDS code 8YJ) and TAC303RE 001 (PDS code 8YW); and commander's recommendation.	1C5XX 3C0XX	1W071A	2E0X1
924	Department of the Air Force Command and Control System (DAFCCS)	Requires 6 months of experience and supervisor's recommendation.	1C3XX	1C500/X1	2E000
927	Ballistic Missile Early Warning System (BMEWS)-Mech	Requires 6 months of experience and supervisor's recommendation.	1C6XX		
928	Ballistic Missile Early Warning System (BMEWS) - Phased-Array				
933	481L Post Attack Command and Control System (PACCS)		1A3XX	2E000	2E2X1
934	Fixed and Mobile Space Based Communications Operation	Requires 6 months of experience and supervisor's recommendation.	1C6XX 2E2X1	2E000	2E1XX
935	Space Based Communications Operation, Large Processing Station (LPS)				
936	Defense Satellite Communications System Operations Center (DSCSOC)	Requires assignment to a DSCSOC, 12 months of experience, and supervisor's recommendation.	1C600/91/71/51 3C000 3C291/71/51		
942	484L Presidential Aircraft Support System	Requires 6 months of experience and supervisor's recommendation.	2E000 2E1X3	2E1X1 2E2X1	2E190
954	487L Survivable Low Frequency Communications System	Requires 6 months of experience and supervisor's recommendation.	2A000 2A1X3 2A3X3 2A5X1 2A690 2E000 2E2X1 3C000	2A0X1B 2A300 2A4X2 2A5X3 2A6X5 2E190 2E690 3C2XX	2A190 2A390 2A590 2A600 2A6X6 2E1X3 2E6X2



SEI Code	Title	Explanation/Designation Criteria	Authorized AFSCs/ CEM Codes		
970	Special Tactics	Requires completion of special tactics initial familiarization (IFAM) training conducted at Hurlburt Field FL; 12 months of experience; and commander's certification.  <b>NOTE:</b> For individuals serving in 12-month short tour areas, experience requirement is reduced to 10 months of experience.	1C251/71/91/00 1T251/71/91/00		
971	Special Tactics Operator	Requires completion of the special tactics operator initial familiarization (IFAM) training conducted at Pope AFB NC; 12 months of experience; and commander's certification.	1C251/71/91/00 1T251/71/91/00		
978	Communications Satellites/ Satellite Control Network	Requires 12 months of experience and supervisor's recommendation.	1C6XX		
979	Space Defense Operations Center (SPADOC)	Requires 6 months of experience and supervisor's recommendation.	1C6XX		
982	496L SPACETRACK (Phased-Array Radar/ Cobra Dane/FPS-85)		1C6XX 2E1XX	2E000 2E690	2E2X1
983	496L SPACETRACK (Optical Surveillance)	Requires 6 months of experience and supervisor's recommendation.	1C6XX 2E1X4	2E000 2E2X1	2E190
985	Research and Development Technician Serving in Development Engineering Position	Requires assignment to a scientific or development engineering position.	SDI 8E000		
986	Sea Launched Ballistic Missile (SLBM) Phased-Array Warning System (PAVE PAWS)	Requires recommendation by immediate supervisor and either (1) 12 months of experience; or (2) 6 months of experience and formal training.  <b>NOTE:</b> For AFSCs 1C6X1, award requires 6 months of experience and supervisor's recommendation.	1C6XX 2E1XX	2E000	2E2X1
988	Sector/Region Operations Control Center	Requires 6 months of experience and supervisor's recommendation.  <b>NOTE:</b> For AFSCs 2E2X1 and CEM 2E000 completion of course E1ASC30574-051 (PDS code ZHH), E1ASC30574-052 (PDS code ZHJ), E1ASC30574-054 (PDS code ZHL), or E2ASP30554-000 (PDS code 2GM) may be substituted for the experience requirement.	1C5XX 2E2X1	2E000	

SEI Code	Title	Explanation/Designation Criteria	Authorized AFSCs/ CEM Codes
990	Space Surveillance Center	Requires 6 months of experience and supervisor's recommendation.	1C6XX
991	Air Force Space Operations Center		
992	Space Command Center		
993	Global Positioning System		
994	Deep Space Tracking System	Requires 12 months of experience and supervisor's recommendation.	
995	Milstar		
996	Defense Support Program/ Satellite Control Network		

## **Attachment 41**

### **ALPHANUMERIC SPECIAL EXPERIENCE IDENTIFIERS (ADE SP-160, AFI 33-110)**

#### **Introduction**

1. The special experience identifiers (SEI) contained in this attachment provide a means of retrieving special experience for certain requirements and are intended as management tools to add a degree of flexibility to the personnel system not available by using prefixes and suffixes. SEIs are intended to reflect an unusual or changing management need for identification that may not be common to an AFSC, any group of AFSCs, or to a specific command. SEIs are not used in lieu of AFSCs, suffixes, prefixes, reporting identifiers, or special duty identifiers.
2. SEIs may be identified on manpower documents.
3. Requests for establishing new SEIs or deleting or revising an existing SEI will be submitted according to the instructions contained in paragraph 5 of this manual.
4. Alphanumeric SEIs in this attachment may be designated by any Air Force major command or separate operating agency to personnel and positions only when authorized to do so by Air Intelligence Agency (AIA).

**ALPHANUMERIC SPECIAL EXPERIENCE IDENTIFIERS (SEI)**

<b>SEI Code</b>	<b>Title</b>	<b>Explanation/Designation Criteria</b>	<b>Authorized AFSCs/ CEM Codes</b>		
★1AA	Direct Support Operator (DSO)	Requires qualification as a DSO on board specified special operations aircraft; 6 months of experience; completion of S-V84-A, United States Navy Underwater Egress Training; and supervisor's recommendation.	1A8XX	X1N200	1N3XXX
★1AB	Data Link Operator (DLO)	Requires qualification as a DLO and supervisor's recommendation.	1A8XX 1N4X1	1N2XX	1N3XXX
★1AC	Adversary Tactics Analyst	Requires qualification as an analyst; two years of experience or attendance at the Adversary Threat Tactics Analysis Course; one year of experience in Tactics Analysis and Studies Element; and supervisor's recommendation.	1A8XX 1N4XX	1N2XX 1N5XX	1N3XXX
★1GG	Deployable Ground Intercept Facility Crypto-Linguist	Requires 6 months of experience and supervisor's recommendation.	1A8XX	1N200	1N3XXX
★1MM	Satellite Crypto-Linguist				
★1NA	Single-channel Crypto-Linguist		1A8XX	1N200	1N3XXX.
★1NN	Multichannel Crypto-Linguist				
★1PP	Airborne Analyst/Ground Mission Analyst		1A8XX 1N4X1	1N2XX	1N3XXX
★1QQ	Airborne Mission Supervisor/ Ground Mission Supervisor				
★1RR	Basic Crypto-Analyst	Requires completion of National Cryptologic School course CI-150 (PDS Code 9JL)/152 (PDS Code 434) /243/244, IS-180, MP-119, (PDS Code 9JR), TG-023, (PDS Code 9JG), and CA-103 or CA-104, 6 months of experience, and supervisor's recommendation.	1A8XX 1N390	1N200	1N3X4A
1ZA	Space Systems Technician	Requires 6 months of experience and supervisor's recommendation.	1N2XX	1N5XX	
★1ZD	Cryptographer	Requires completion of National Cryptologic School Course CA-103 or CA-104, Exploitation of Manual Crypto Systems (formerly CA-107), CA-261, X3AZR1N451 006 (PDS Code 4YS); 6 months of experience, and supervisor's recommendation.	1A8XX 1N3XXX	1N200	1N4X1

SEI Code	Title	Explanation/Designation Criteria	Authorized AFSCs/ CEM Codes		
1ZK	Emergency Reaction Unit/Direct Supporting Unit/ Communications Security Technician	Requires 6 months of experience, completion of squadron mobility training program, and supervisor’s recommendation.	1N2XX 2E0X1 2E190 2S090 2T3X1 3A000 3C0X1 3E000	1N4X1 2E1X1 2E2X1 2T100 2T370 3A0X1 3C0X2 3E1X1	1N5XX 2E1X3 2S0X1 2T1X1 2T390 3C000 3C090
1ZV	Enciphered Communications Analyst	Requires completion of course 3AZ1N451A-000 or course X3AZR1N251-000 (PDS Code Y9W), 6 months of experience, and supervisor’s recommendation.	1N2XX		
★2AA	Intermediate Level Crypto-Linguist	Requires L2/R2+, L2+R2, L3/R2, L2/R3, or L2+/R2+ Defense Language Proficiency Test scores; and supervisor’s recommendation.”	1A8XX	1N200	1N3XXX
2ZA	High Frequency Crypto-Linguist	Requires 6 months of experience and supervisor’s recommendation.	1N200	1N3XXX	
2ZF	Communication Identification Methodology Analyst	Requires completion of X4AST20050-017, X4AOF20050-003/4AST20050-003; or X4AST20050-012/X4AOF20050-012; or X4AST20050-013/ XAOF20050-013; or X4AST20050-014/X4AOF20050-014; and supervisor’s recommendation.	1N2XX	1N4X1	
2ZG	High Frequency Direction Finding (HFDF) Technician	Requires completion of squadron qualification program or HFDF training packages at non FLR-9 sites, 6 months of experience, and supervisor’s recommendation.	1N2XX		
2ZN	Keelan System Operator	Requires completion of A-231-0045/ 0450 (PDS Code 84L), A-231-77 (PDS Code LR0), 6 months of experience, and supervisor’s recommendation.			
2ZX	Special Program	Requires 6 months of experience and supervisor’s recommendation.	1N2XX	1N5XX	
2ZY	Advanced Communications Signals Analysis	Requires completion of X5AZN1N251-001 (PDS Code X81) or MCSAP Program, and supervisor’s recommendation.	1N2XX		
2ZZ	Intermediate Communications Signals Analysis	Requires completion of X5AZN1N251-003 (PDS Code 207) and supervisor’s recommendation.			
★3AA	Advanced Level Crypto-Linguist	Requires L3/R2+, L2+/R3, or L3/R3 Defense Language Proficiency Test scores and supervisor’s recommendation.”	1A8XX	1N200	1N3XXX
3ZC	Foreign Instrumentation Analyst	Requires completion of X5AZA1N551-000 and supervisor’s recommendation.	1N2XX	1N5XX	
3ZD	Advisory Interactive Reporting System Technician	Requires certification on KG-84, 10 months of experience, and supervisor’s recommendation.	2E1X3	2E2X1	

<b>SEI Code</b>	<b>Title</b>	<b>Explanation/Designation Criteria</b>	<b>Authorized AFSCs/ CEM Codes</b>		
3ZJ	Airborne Maintenance Technician (AMT)	Requires (1) 12 months of experience as a certified lead AMT and supervisor's recommendation; or (2) completion of course AIA2A1X7 002 (PDS Code PSZ), 24 months of experience on the ES-142A collection system, and supervisor's recommendation.	X2A00	X2A1X7	X2A190
3ZN	Ground RIVET JOINT Maintenance Technician	Requires 18 months of experience on the RIVET JOINT Ground Data Processing System or Transportable Mission Processing System and supervisor's recommendation.	2A1X7	2A190	
3ZU	MXT-1200 Printer Maintenance Technician	Requires completion of course X3AZR2E351-030 (PDS Code 97P) or 12 months of experience, and supervisor's recommendation.	2E1X3	2E2X1	
3ZY	SENIOR YEAR Ground Station Maintenance Technician	Requires 9 months of experience and supervisor's recommendation.	2A1X7 2E1X3	2A190 3E0X2	2E2X1 3E1X1
4ZA	AN/FLR-9 Enlarger Maintenance Technician	Requires completion of course E5ASN2E153-020 (PDS Code XTZ) or 12 months of experience, and supervisor's recommendation.	2E1X3	2E190	
4ZK	Ground System Digital Technician	Requires completion of course X3AZR2E153-061 (PDS Code WF8), 6 months of experience, and supervisor's recommendation.			
4ZZ	PARSEC Maintenance Technician	Requires completion of course X3AZR2E251-259 (PDS Code W3V), 6 months of experience, and supervisor's recommendation.	2E2X1		
★5ZC	SENIOR SCOUT Operator	Requires qualification on the SENIOR SCOUT aircraft, and supervisor's recommendation.	1A8XX	1N5XX	
5ZD	SENIOR RUBY Operator	Requires completion of X1ASC20550-007 and 6 months of experience; or 12 months of experience; and supervisor's recommendation.	1N5XX		
★5ZF	Middle Enlisted Cryptologic Career Advancement Program (MECCAP)	Requires completion of the MECCAP and supervisor's recommendation.	1A8XX 1N4X1	1N2XX 1N5XX	1N3XXX 1N6XX
★5ZG	PROFORMA Operator	Requires 6 months of experience and supervisor's recommendation.	1A8XX 1N5XX	1N2XX	1N3XXX



## **Attachment 42**

### **CHIEF ENLISTED MANAGER (CEM) CODES**

#### **Introduction**

**1. Description and General Duties.** CEM codes contained in this attachment identify all chief master sergeant positions in the Enlisted Classification Structure. They also identify chief master sergeants that, through extensive experience and training, have demonstrated managerial ability to plan, direct, coordinate, implement, and control a wide range of work activity. Some managerial duties and responsibilities that are common to all chief enlisted managers are:

- 1.1. Manages and directs personnel resource activities; interprets and enforces policy and applicable directives.
- 1.2. Establishes control procedures to meet work goals and standards.
- 1.3. Recommends or initiates actions to improve functional operation efficiency.
- 1.4. Plans and programs work commitments and schedules.
- 1.5. Develops plans regarding facilities, supplies, and equipment procurement and maintenance.

**2. CEM Composition and Concept.** CEM codes in many cases are made up of a series of existing superintendent specialties where the degree of supervisory and managerial task involvement permits expanded resource use. As chief enlisted managers, chief master sergeants will be subject to working in a variety of similar jobs and functional areas where their general managerial and supervisory abilities can be most effectively used and challenged.

**3. Award Criteria.** CEM codes are awarded according to procedures outlined in AFI 36-2101. Basic requirements for awarding CEM codes are:

- 3.1. Be in the grade of chief master sergeant (or chief master sergeant selectee).
  - 3.2. Possess qualification in a feeder specialty. The expanded duties and responsibilities, qualifications, and other specialty data for CEM codes are drawn from 9 level "feeder" specialty descriptions, consistent with the function and job performed.
- The table that follows identifies CEM codes and their titles and feeder specialties.



CEM CODE	TITLE	9-LEVEL FEEDER		
1A000	In-Flight Refueling Manager	1A091		
1A100	Flight Engineer Manager	1A190		
1A200	Aircraft Loadmaster Manager	1A291		
1A300	Airborne Communications Systems Manager	1A391		
1A400	Airborne Warning Command and Control Systems Manager	1A491		
1A500	Airborne Missions System Manager	1A591		
1A600	Flight Attendant Manager	1A691		
1A700	Aerial Gunner Manager	1A791		
★1A800	Airborne Cryptologic Linguist	1A891		
1C000	Air Operations Manager	1C091	1C092	
1C100	Air Traffic Control Manager	1C191		
1C200	Combat Control Manager	1C291		
1C300	Command Post Manager	1C391		
1C400	Tactical Air Command and Control Manager	1C491		
1C500	Aerospace Control and Warning System Manager	1C591		
1C600	Space Systems Operations Manager	1C691		
1N000	Intelligence Applications and Exploitation Manager	1N091	1N191	
1N200	Signals Intelligence Analysis Manager	1N291	1N390	1N491
1N500	Electronic Signals Intelligence Exploitation Manager	1N591		
1N600	Electronic Systems Security Assess Manager	1N691		
1S000	Safety Manager	1S091		
1T000	Survival, Evasion, Resist & Escape Operations Manager	1T091		
1T100	Aircrew Life Support Manager	1T191		
1T200	Pararescue Manager	1T291		
1W000	Weather Manager	1W091		
2A000	Avionics Systems Manager	2A190		
2A300	Aircraft Manager	2A390	2A590	
2A600	Systems Manager	2A690	2A691	2A692
		2A790		
2E000	Communications-Electronics Systems Manager	2E190	2E291	2E690
2F000	Fuels Manager	2F091		
2G000	Logistics Plans Manager	2G091		
2M000	Missile and Space Systems Maintenance Manager	2M090		
2P000	Precision Measurement Equipment Laboratory Manager	2P091		
2R000	Maintenance Data Systems Analysis Manager	2R091		
2R100	Maintenance Production Management Manager	2R191		
2S000	Supply Manager	2S090		
2T000	Traffic Manager	2T091		
2T100	Vehicle Operations Manager	2T191		
2T200	Air Transportation Manager	2T291		
2T300	Vehicle Maintenance Manager	2T390		
2W000	Munitions Maintenance Manager	2W091		
2W100	Aircraft Armament Manager	2W191		
2W200	Nuclear Weapons Manager	2W291		
3A000	Information Management Manager	3A091		
3C000	Communications-Computer Systems Manager	3C090	3C191	3C192
		3C291	3C391	
3E000	Civil Engineer Manager	3E090	3E191	3E291
		3E391	3E490	3E591
		3E691		

<b>CEM CODE</b>	<b>TITLE</b>	<b>9-LEVEL FEEDER</b>
3E700	Fire Protection Manager	3E791
3E800	Explosive Ordnance Disposal Manager	3E891
3E900	Readiness Manager	3E991
3H000	Historian Manager	3H091
3M000	Services Manager	3M091
3N000	Public Affairs Manager	3N090
3N100	Regional Band Manager	3N190
3N200	Premier Band Manager	3N291
3P000	Security Forces Manager	3P091
3S000	Personnel Manager	3S090
3S100	Military Equal Opportunity Manager	3S191
3S200	Education & Training Manager	3S291
3U000	Manpower Manager	3U091
3V000	Visual Information Manager	3V090
4A000	Health Services Management Manager	4A091
4A100	Medical Materiel Manager	4A191
4A200	Biomedical Equipment Manager	4A291
4B000	Bioenvironmental Engineering Manager	4B091
4C000	Mental Health Service Manager	4C091
4D000	Diet Therapy Manager	4D091
4E000	Public Health Manager	4E091
4F000	Aeromedical Manager	4F091
4H000	Cardiopulmonary Laboratory Manager	4H091
4J000	Biomedical Therapy Manager	4J091 4J092
4M000	Aerospace Physiology Manager	4M091
4N000	Medical Service Manager	4N091 4N191
4P000	Pharmacy Manager	4P091
4R000	Diagnostic Imaging Manager	4R090
4T000	Medical Laboratory Manager	4T090
4U000	Orthotic Manager	4U091
4V000	Optometry Manager	4V090
4Y000	Dental Manager	4Y090
5J000	Paralegal Manager	5J091
5R000	Chaplain Service Support Manager	5R091
6C000	Contracting Manager	6C091
6F000	Financial Management and Comptroller Manager	6F091
7S000	Special Investigations Manager	7S091